



Southwest Baptist
UNIVERSITY

2023-2024 Undergraduate Catalog Volume 107

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

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

1600 University Avenue
Bolivar, Missouri 65613-2591

(800) 526-5859
(417) 328-5281

<https://www.SBUniv.edu>

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Vice President for Regional Campuses and Church Engagement

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SBUlife: Undergraduate Catalog Edition, 2023-2024

Preface: 2023-2024 Undergraduate Catalog

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

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

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

Copy for the descriptive chapters and the list of officers for this catalog issue were prepared as of March 1, 2023. Information about fees and expenses, financial aid, and scholarships applies to the academic year 2023-2024. Plans of study, course titles, fees, expenses, and other matters described herein are subject to change at the discretion of the University.

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

Non-Discrimination

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

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

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

The University will comply with the "Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act." Any questions related to the implementation or the compliance of this public law (34 CFR Part 668) should be directed to the Vice President for Administration, located in the Sells Administration Building. The Vice President for Administration has been designated by the University to coordinate the institution's efforts to comply with the regulations affecting 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 website at www.SBUniv.edu/safety.

Drug-Free Schools and Communities Act

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

Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act (FERPA) afford 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 division, or other appropriate official written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes to be inaccurate or misleading. Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why that part is inaccurate or misleading. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Southwest Baptist University to comply with the requirements of FERPA. The name and address of the office that administers FERPA are:
 - a. Scott Moats, SBU Vice President for Administration
1600 University Ave., Bolivar, MO 65613
Office: (417) 328-1511; Fax: (417) 328-1514; Email: Scott.Moats@sbuniv.edu

- b. Roberta Rasor, SBU Registrar
1600 University Ave., Bolivar, MO 65613
Office: (417) 328-1607; Fax: (417) 328-1514; Email: rrasor@SBUniv.edu
- 5. **Directory Information.** The University designates the following items as Directory information: student name, address (permanent and college address), telephone number (permanent and college), email address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, most recent previous school attended and photograph. The University may disclose any of those items without prior written consent, unless notified in writing to the contrary by the end of the first week of classes of each semester. Student directory information will be released internally to be used for University purposes only. Student directory information will not be released to third party groups for external use without prior approval by the Executive Cabinet.

Affiliations

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

Accreditation

Southwest Baptist University is accredited by:

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

Specific Programs at Southwest Baptist University are accredited by:

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

Accreditation Commission for Education in Nursing (ACEN)

The Master's, Baccalaureate, and Associate nursing programs at Southwest Baptist University at the College of Health Professions located in Springfield, Missouri is accredited by the: Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326
(404) 975-5000

The most recent accreditation decision made by the ACEN Board of Commissioners for the Master's, Baccalaureate, and Associate nursing program is Continuing Accreditation: View the public information disclosed by the ACEN regarding this program at <http://www.acenursing.us/accreditedprograms/programSearch.htm>

Accreditation Council for Business Schools and Programs

11520 West 119th Street
Overland Park, KS 66213
(913) 339-9356
www.acbsp.org

Commission on Accreditation in Physical Therapy Education

3030 Potomac Ave, Suite 100
Alexandria, VA 22305-3085
(703) 706-3245
www.captionline.org

Accreditation Board for Engineering and Technology

415 North Charles Street
Baltimore, MD 21201
(401) 347-7700
www.abet.org

Council on Social Work Education

1701 Duke Street, Suite 200
Alexandria, VA 22314
(703) 683-8080
www.cswe.org

Missouri Department of Elementary and Secondary Education

Jefferson State Office Building
205 Jefferson Street
P.O. Box 480
Jefferson City, MO 65102-0480
(573) 751-4212
dese.mo.gov

The Joint Review Committee on Education in Radiologic Technology

20 North Wacker Drive, Suite 2850
Chicago, IL 60606-3182
(312) 704-5300
www.jrcert.org

ASN Program in Nursing and the BSN Program in Nursing hold full approval granted by:

Missouri State Board of Nursing

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

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University Calendar, 2023-2024

Fall Semester 2023

(* denotes online/8-week term courses)

Date	Event
August 1	Deadline for cancelling fall semester courses
1	New Faculty Workshop
2-4	Teacher's Camp
14	Faculty and Staff workshops
15	Division Head Workshop
16	College Meetings
17	Move-In Day for new students
17	Faculty help students move into dorms
17	Division Meetings
17-20	Welcome Weekend for new students
18	Faculty workday in offices
19-20	Returning students arrive
21	Fall classes begin *Term 1 begins
24	*Last day to add or drop Term 1 courses
29	Last day to add or drop full-term courses
September 1	Last day to add full-term courses for international students and students returning from active military duty
1	Undergraduate and Graduate deadline for <i>December</i> Intent to Graduate forms
4	Labor Day – No classes, offices closed
8	SBU Fall Festival
19	*Midterm grades due for Term 1
20	*Last day to withdraw from Term 1
23	Fall Preview Day (Admissions event)
26	Five-week grades due for full-term general education and graduation requirement courses
October 6-7	Homecoming
10	Academic Honors Night
12-13	Fall Break – No classes, offices open
13	*Last day of Term 1
16	*Term 2 begins
17	*Final grades due for Term 1
17	Midterm grades due for full-term undergraduate courses
Oct 18-Nov 17	Pre-registration for Spring courses
19	*Last day to add or drop Term 2 courses
20-21	Fall Bearcat Days (Admissions event)
27	Last day to withdraw from full-term courses
November 2	Scholarship Appreciation Day
11	Fall Preview Day (Admissions event)
14	*Midterm grades due for Term 2
15	*Last day to withdraw from Term 2
20-24	Thanksgiving Break – No classes, offices closed
27	Classes resume
30	All OLIS work turned into instructor for December graduation
30	Employee Christmas Banquet, Marketplace, Bolivar Campus
December 4	SBU Showcase (Admissions event)

8	Last day of classes
11-14	Final Exams
15	Commencement Ceremonies
15	Deadline for cancelling spring semester courses
19	All final grades due by noon
Dec 20-Jan 1	Christmas Holiday – No classes, offices closed

Spring Semester 2024

Date	Event
January 3-4	Winter Welcome Week
4	Teacher's Camp II
5	Division Head Workshop
6-7	Returning students arrive
8	Spring classes begin *Term 1 begins
11	*Last day to add or drop Term 1 courses
15	Martin Luther King Jr. Day – No classes, offices closed
16	Last day to add or drop full-term courses
19	Last day to add full-term courses for international students and students returning from active military duty
19	Undergraduate and Graduate deadline for <i>May</i> Intent to Graduate forms
27	Scholars Day (Admissions event)
February 6	*Midterm grades due for Term 1
7	*Last day to withdraw from Term 1
13	Five-week grades due for full-term general education and graduation requirement courses
19	SBU Showcase (Admissions event)
Feb 28-Mar 22	Pre-registration for Summer and Fall courses
March 1	*Last day of Term 1
4	*Term 2 begins
5	*Final grades due for Term 1
5	Midterm grades due for spring semester undergraduate courses
7	*Last day to add or drop Term 2 courses
14	Academic Honors Night
15-16	Spring Bearcat Days (Admissions event)
22	Last day to withdraw from full-term courses
25-28	Spring Break – No classes, offices open
29	Good Friday – No classes, office closed
31	<i>Easter Sunday</i>
April 1	Easter Monday - No classes, offices closed
6	Scholars Day (Admissions event)
9	*Midterm grades due for Term 2
10	*Last day to withdraw from Term 2
18	All OLIS work turned in to instructor for May graduation
19	Junior Preview Day (Admissions event)
22	Deadline for cancelling courses starting in May
26	Last day of classes
April 29-May 2	Final Examinations
May 3	*Last day of Term 2

3-4	Commencement Ceremonies
7	All final grades due by noon
8-10	Divisions focus on assessment
13	Last college meeting of the academic year
14	Continuous Improvement Day
13-17	Professional development and academic year review

May Term 2024

Date	Event
May 9	All May term courses begin
13	Last day to add or drop May term courses
16	Last day to withdraw
20	Deadline for cancelling courses starting in June
27	Memorial Day - No classes, offices closed
May 31	Final exams, last day of May term courses
June 4	All final grades for May term due

June-July Session 2024

Date	Event
June 1	Summer Orientation (Admissions event)
3	June and 8-week term courses begin, including online courses
5	Last day to add or drop 4-week June term courses
6	*Last day to add or drop 8-week courses
14	Last day to withdraw from courses in the June term
15	Summer Orientation (Admissions event)
17	Deadline for cancelling courses starting in July
19	Juneteenth - No classes, offices closed
24	SBU Summer Showcase (Admissions event)
28	June term ends, final exams
July 1	July term begins, including online courses
July 2	All final grades for June term due
2	Midterm grades for 8-week courses due
3	Last day to add or drop classes for July courses
3	*Last day to withdraw from 8-week courses
4	Independence Day - No classes, offices closed
15	Last day to withdraw from courses in the July term
26	Last day for all active terms - final examinations, including online courses
26	Degree date for the May-July terms
30	All final grades due

University Profile

Southwest Baptist University is an institution of higher education offering courses that lead to both undergraduate and graduate degrees. Students may choose from a variety of programs of study as they pursue a liberal arts based, career-oriented education. The University is comprised of five colleges: the Geneva Casebolt College of Arts and Social Sciences, the College of Natural and Applied Sciences, the College of Health Professions, the College of Professional Programs, and the Robert W. Plaster College of Business. 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 2019)

Southwest Baptist University will be the exemplar Christian university, providing a transformative and holistic educational experience.

Statement of Faith

(Adopted by the Board of Trustees, 2020)

The University has adopted the Baptist Faith and Message 2000 as its statement of faith. This information can be found on the university webpage at <https://www.sbuniv.edu/about/mission-values.php>.

Core Values

(Adopted by the Board of Trustees, October 2003, updated October 2019)

In fulfilling the University's mission and vision through its strategic planning process, Southwest Baptist University is committed to upholding the following core values grounded in Scripture, guided particularly by I Corinthians 13, to *prepare servant-leaders for a global society*:

Christian Distinctiveness (1 Peter 2:9)

Southwest Baptist University is *Christ-centered*. From its inception, and continuing today, the University is a distinctively Christian and Baptist institution supporting a Christian worldview. Led by the Spirit, following the example of Jesus Christ, the University family seeks to demonstrate commitment to love, mercy, and grace.

Baptist Heritage (1 Kings 8:57; 2 Timothy 1:14)

Southwest Baptist University's academic foundations are built on historical Baptist traditions beginning with the Southwest Missouri Baptist Association and continuing today with the Missouri Baptist Convention. This heritage acknowledges God as the ultimate source of all knowledge and truth. It is committed to scholarly endeavor, under God, seeking a proper balance between academic freedom and academic responsibility.

Compassion and Care for SBU Family (Romans 12:9-10)

Southwest Baptist University is a *caring community*. Scripture teaches that all individuals are worthy in the eyes of God. Therefore, we will honor and serve one another in love.

Academic Excellence (Romans 12:2; Colossians 3:23)

Southwest Baptist University is an *academic community*. The University pursues excellence in teaching, scholarship and service. Students are prepared to meet the challenges of a global society through the integration of faith, Christian liberal arts, research, and professional studies. The University recognizes that academic excellence is achieved through continuously striving for improvement.

Social and Spiritual Development (Colossians 2:6-7)

Southwest Baptist University encourages the social and spiritual development of the University family. Students, faculty, and staff are provided intentional opportunities to grow spiritually, intellectually, and emotionally through exposure and response to the needs of the larger community.

Personal Wellness (Genesis 1:27; 1 Corinthians 6:19-20)

Southwest Baptist University recognizes the body as the temple of the Holy Spirit. Therefore, the University will offer opportunities for education and activities which promote 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 1910 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 campuses in Mountain View, Salem, and Springfield, MO.

The Southwest Commitment

(Adopted by the Board of Trustees, 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)

SBU is a Christian higher education institution with expectations for its community members. We acknowledge it is difficult for all members to agree to the same behavior standards; however, behavioral expectations must be established to enrich students' lives as they engage in a Christ-centered community and prepare to impact the world.

The following expectations are meant to reflect Christian values and be conducive to students' academic growth, health, safety and well-being. Students attending SBU are expected to live in accordance with these expectations as well as all rules and regulations outlined in the SBU Catalog and Student Handbook.

PRINCIPLES AND EXPECTATIONS FOR *ALL* SOUTHWEST BAPTIST UNIVERSITY STUDENTS

Honor and Respect: All members of the university community shall treat all other community members with honor and respect. No one shall discriminate on the basis of race, color, national origin, sex, age or disability.

Academic Integrity: To receive the most benefit from courses, students are expected to attend class sessions. Students also are required to do their own academic work. All forms of dishonesty, such as plagiarism and cheating, are not acceptable.

Alcohol, Tobacco & Other Drugs: Southwest Baptist University takes a position of abstinence regarding the use of alcohol. Use of any substance with the intent of becoming impaired or intoxicated is not permitted. Current students (whether or not on University premises and whether or not school is in session) must abstain from the use, possession, or distribution of marijuana, THC products (gummies, vape, edibles, etc.), illicit drugs and other controlled substances. Students must also abstain from the use of tobacco while on University premises.

Firearms and Weapons: Possession or use of firearms, or any type of deadly weapon, is strictly prohibited on all University premises.

Dress Code: Students are expected to dress in a manner that best reflects the standards of SBU. Clothing should not be worn that is provocative. Students should not wear clothing that advertises tobacco or alcohol or promotes any immoral behavior.

Graduation Requirements: To assist the University in fulfilling its mission, the following classes are required for graduation: Old Testament History (BIB 1013), New Testament History (BIB 1023), Spiritual Formation (SPF 2012) OR Introduction to Spirituality (SPF 2022) OR Spiritual Formation for Ministry (SPF 2032), and any other courses required for program completion.

Moral Risks: Students must abstain from pornography, theft of any kind, profanity, dishonesty, gambling and sexual immorality (including pre-marital sex, extra-marital sex and/or homosexual behavior). The University prohibits all forms of sexual harassment and sexual violence which includes domestic violence, dating violence, sexual assault, rape, and stalking.

Recognized Laws: Violation of federal, state or local laws is prohibited.

ADDITIONAL PRINCIPLES AND EXPECTATIONS FOR STUDENTS ATTENDING A RESIDENTIAL CAMPUS

Chapel Attendance: All full-time, degree-seeking undergraduate students on the Bolivar campus are expected to attend Chapel during their time at SBU. Chapel is not designed to serve as a substitute for church attendance or affiliation and students are encouraged to attend a local church of their choosing.

Living Arrangements: Students not wishing to live in university housing must complete an Off-Campus Application. Students applying to live off-campus must be age 21, be married, have dependents or be living and commuting from their parents' home address. Students not meeting at least one of these requirements will complete a Housing Request for university housing.

Curfew: In order to assist students in developing healthy sleeping and studying habits, curfew will be required for all first-semester undergraduate students residing in university housing unless otherwise waived by the Vice President of Student Life.

University 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 and Mabee Chapel on the Shoffner Campus.
- **Geneva Casebolt Music Center** houses the Area 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**, located in Jester Center, includes the main offices for the Center for Teaching & Learning and Department of Online Learning. The center was named in honor of Marie Colvin, a longtime supporter of the University.
- **The David and Betty Cribbs Athletic Practice Facility** was completed in 2016 and offers an indoor practice field and batting cages for the University athletic programs. The facility was named in honor of longtime University donors David and Betty Cribbs of Bolivar, MO.
- **The Warren B. Davis Family Physical Therapy Center** was dedicated in 2011 and is named in honor of former local businessman and current entrepreneur Warren B. Davis. The center currently houses the Division of Physical Therapy, and its faculty practice clinic.
- The SBU baseball team has one of the finest home fields in the area, as the result of a gift from James W. Dodson. **Dodson Field**, situated on the south side of the Shoffner Campus, has a grass infield, spacious dugouts and major league dimensions. Adjacent to Dodson Field is the **Virginia R. Heer Facility**, which provides rest rooms, concessions and dressing rooms for the baseball, softball, soccer and intramural participants.
- **Founders Hall** on the University's Mountain View campus was dedicated in 1998 and houses three classrooms and a science lab.
- The **Felix Goodson Student Union** houses the Campus Store, Deli-Craft, Craft Coffee, 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 **Myrtle Glass Learning Center** on the University's Mountain View campus was opened in 2003 and was renovated in 2017. It houses faculty and administrative offices, classrooms, the library, and a computer lab. The campus offers bachelor's degrees in business administration, criminal justice, elementary education, and psychology, as well as associate degrees in business administration, general studies and health science. Master's degrees in education also can be pursued through the Mountain View campus.
- The University's Salem campus operates out of the **Gott Center for Christian Higher Education**, which opened in 2001 and is named in honor of longtime University donors Wayne and Betty Gott of Salem, MO. The campus offers associate, bachelors and master's degrees in subjects ranging from business administration, elementary education, criminal justice and social sciences such as psychology. The basement of the Gott Center houses the Dr. Tracy and Debbie Dobbs Nursing Program, which offers an associate's degree in nursing and features a learning resource center and simulation lab with observation room.
- 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 Divisions of Education, Graduate Education, and Behavioral Sciences. The center is named in honor of longtime University donors Wayne and Betty Gott of Salem, MO.
- **Hammons Center for Facilities Excellence**, named in honor of Dwain and Donna Hammons, business leaders from Stockton, MO and major contributors to its construction, was completed in the spring of 2000. It houses the SBU Physical Plant staff and equipment.
- The **Wayne and Diana Hutchins Center for Nursing Education** was purchased in 2015 and renovations were completed in 2016. It is a state-of-the-art training facility on the Springfield campus featuring a learning resource center, simulation lab, nursing stations, task training rooms and a 50-seat classroom. The center is primarily used by the College of Health Professions and is named in honor of longtime University donors Wayne and Diana Hutchins of Springfield, MO.
- 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 Online Learning, Area of Art, Division of Language and Communication, the 299-seat **Davis-Newport Theater**, the **Driskill Art Gallery**, and the BSN classrooms, learning resource center and simulation labs. The **Harriett K. Hutchens Library** is located on the first floor of the east side of the building (completed in 1996). 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.
- The **Killian Health Center**, which is now located in the **Jane and Ken Meyer Wellness and Sports Center**, is named in honor of Bob Killian, trustee, and his wife Betty. They were major contributors toward the construction and renovation of the Killian Health Center's former location, which was completed in the fall of 2000 and now serves as the home of SBU's Department of Safety and Security. That building served as the SBU president's home at one time. The current Killian Health Center is where you'll find the University nurse serving the health needs of the University family.
- **Mabee Chapel** was completed in the spring of 1979 and completely renovated in 2011. It is located on the north side of the Burnidge Memorial Forum. The chapel seats 1,300 people in Pike Auditorium, which has a complete professional stage for dramatic and musical productions. The chapel houses the offices for the Ed & Theo Clark University Success Center, the Gordon & Judy Dutile Honors Program, Career Services, and Special Services.
- **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 Division of Christian Ministry.
- **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, 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 and renovated in 2019, will seat 50 to 75 people. It is open 24 hours a day for individual meditation and serves as a center for small group activities.
- Residence facilities for women are **Beasley Hall**, **Leslie Hall**, **Woody Hall**, and **Plaster Lodge**, named in honor of Robert W. Plaster. Residence facilities for men are **Gott Hall**, **Landen Hall**, **Meyer Hall**, and **Memorial Hall**. **Nichols Commons** connects Woody and Gott Halls. Campus apartment-style facilities are **Casebolt Apartments** for upper-class women, and **Roseman Apartments** for upper-class men.
- **Sells Administrative Center**, completed in 1989, is named in honor of Dr. James L. Sells, former Chancellor of Southwest Baptist University, who served the University from 1966 to 1992.
- **Stewart Track**, named in honor of former athletic director Orlin B. Stewart, who taught and coached at Southwest Baptist for 38 years, was completed in 1988 and rebuilt in 2013. The eight-lane, 400-meter track is constructed of polyurethane and used for both intercollegiate track meets and student and community personal fitness.
- **The Gene Taylor National Free Enterprise Center** was completed in 1981 and renovated and expanded in 2016. The building was named in honor of former Missouri Congressman Gene Taylor. This facility houses a Free Enterprise Center, the Robert W. Plaster College of Business, the Area of Computing, the Area of History and Political Science, several faculty offices, computer labs, electronic classrooms, a student lounge, study areas, team presentation rooms, seminar rooms, and an auditorium.
- **The Judy Taylor Physical Therapy Garden** was named in honor of Judy Taylor, First Lady of SBU (1996-2016). The garden serves as a tribute as well as to meet the needs of SBU Physical Therapy students, who benefit from having a place to practice true-to-life therapy experiences on varying outdoor surfaces.
- **The Wheeler Science Center** is named in honor of Clarence and Edna Wheeler and houses classrooms, laboratories and offices for mathematics and science programs as well as the Office of University Effectiveness .

Information and Technology Services

Mission Statement

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

Vision Statement

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

Contact Information

Help Desk: (417) 328-1702 or (800) 526-5859, ext. 1702
helpdesk@SBUuniv.edu

ITS Offices: (417) 328-1535

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

Computing Resources

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

MySBU Portal

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

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

1. An SBU applicant must present one of the following:
 - a. An official secondary or home school transcript (with a minimum of six semesters)*
 - b. Standardized tests, SBU ACT code: 2368; SAT code: 6664; CLT visit cltexam.com
2. Additionally, students must meet two of these three qualifiers:
 - a. 2.50 high school GPA on a 4.00 scale
 - b. 21 ACT composite score / 1060 SAT composite score / 68 CLT composite score
 - c. 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).
4. International students, may have additional requirements, please see the International Student Admission section.

*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 division involved. Only professional education courses transferred from two-year colleges and from senior colleges having state approved teacher education programs can be used to meet certification requirements.

A maximum of six hours of D credit will be accepted in transfer. A maximum of 30 semester hours of accredited work earned by Online Independent Study (OLIS) or extension may be applied toward SBU

requirements. No more than 12 hours of this credit will be counted toward a major or minor. Applicants may transfer up to 75 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.*

Transfer credits from institutions that are not regionally accredited will be evaluated on a course-by-course basis to determine if it is transferable (no more than 30 credit hours total will be accepted). No grade of D+ or lower will be accepted from an institution that is not regionally accredited. Transfer credit from a regionally accredited institution that is potentially equivalent to SBU's Graduation Requirements will be evaluated on a course-by-course basis to determine if it is transferable. (Regional accreditation is defined as those accrediting organizations that are represented by the Council of Regional Accrediting Commissions.)

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.

In addition to the requirements listed in this section, international students may have additional requirements, please see the *International Student Admission* section.

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., B.S.W., 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 SBU Division of Education. (See Division of Education in the College of Professional Programs.)

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, CLT, or another approved placement exam before being placed in an English or math course.

International Student Admission

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

Applicants from non-English speaking countries must take the Test of English as a Foreign Language (TOEFL), the International English Language Testing System Academic (IELTS), or the Duolingo English Test. For the TOEFL, the applicant must score one of the following minimums: a 79 on the internet-based test (IBT); or a 213 on the computer-based test (CBT); or a 550 on the paper test. For the IELTS, the applicant must score a minimum of 6.5. For the Duolingo test, the applicant must score a minimum of 100. Scores must be no more than two years old from the date the examination was taken.

Exceptions to the required English language proficiency scores will be made in the following instances only:

- An applicant is a citizen of any country in which English is the primary language
 - An applicant has studied in a country in which English is the primary language or in the U.S. within the past three years and has a good academic record at the school attended.
1. All Southwest Baptist University students are required to take the ACT, SAT or CLT exam or other approved division placement exams for placement in English and math classes.
 2. An international credential evaluation is required for official credentials indicating all secondary work, and both the evaluation and the official credentials must be submitted to the Office of Undergraduate Admissions with the formal application forms. Admissions status cannot be determined until all documents are on file.
 3. As part of the admissions process, an international credential evaluation is required reporting prior university study. SBU accepts evaluations from World Education Services (WES), found at www.wes.org or Educational Credential Evaluators (ECE) found at www.ece.org. An official international credential evaluation should come directly to Southwest Baptist University electronically or through the mail in a sealed envelope. Transfer credit will be applied according to information reported on the official evaluation. International students who transfer work to SBU from foreign institutions are responsible for any evaluation fees associated with the transfer of credits. A letter of acceptance will be issued only when an applicant is found eligible for admission.
 4. International students must provide an original bank statement demonstrating the ability to afford the cost to attend SBU for 9 months. After receiving SAT or ACT scores and GPA or ECE results, the admissions counselor will be able to provide more information the individual's cost of attendance.
 5. All international students accepted for admission to Southwest Baptist University are required to purchase 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.

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

1. The applicant must be formally admitted to the University as a full time student. This includes a completed application, a nonrefundable application fee of \$100 U.S. currency and official transcripts of all academic work (secondary school and above). This process should be initiated at least four months prior to the desired semester of enrollment.
2. A student who has completed collegiate hours must have transcripts evaluated by one of the following agencies: Educational Credential Evaluators (ECE) www.ece.org or World Education Services (WES) www.wes.org. The student must request the course-by-course or detailed report evaluation. The fee for this service varies and must be paid by the student.
3. The applicant must submit an advance deposit in the form of a certified check or bank draft in the amount of one year's educational and living expenses. This amount will be put on account and will be available for the applicant's use upon arrival.
4. When these conditions have been met, the Certificate of Eligibility (I 20) form will be issued to the applicant. *NOTICE: Under no circumstances should an applicant prepare to arrive in the United States until granted a student visa, final acceptance to Southwest Baptist University, and, where necessary, financial aid.*
5. All international students accepted for admission to Southwest Baptist University are required to purchase 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.

Conditional Student Admission

Students who do not meet minimum criterion for 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). 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 admissions office from on the campus/program the student is applying.

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

Special Student 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.

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.

Dual Credit

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

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.)

1. File a completed Application for Admission. This form should be accompanied by a \$30 non-refundable application fee. Notification of acceptance is on a rolling basis dependent on the campus/program applying. An application file is considered complete when all credentials have been received, credentials may vary by campus/program applying.
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. For first-time freshmen- take the American College Test (ACT), the Scholastic Aptitude Test (SAT) or the Classical Learning Test (CLT) 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. Additional requirements may be required dependent upon the campus/program you are applying. Notification and documentation (as applies) for each step will be sent after the previous step is completed.

1. Submit a \$200 non-refundable enrollment deposit.
2. If applying for the Bolivar campus, 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. If applying for the Bolivar campus, sign and return the Student Principles and Expectations. All admitted Bolivar undergraduate 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 a doctor's office.
5. Admitted applicants must submit a final official transcript from their high school, reflecting senior year credits, grades, final class rank, and statement of graduation.
6. If in progress when college transcripts were submitted, a final college transcript must be received.

Appeals Related to Admission

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

Disclosure of Disabilities

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

Course Placement and Exam Information

ACT Scores

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

ACT Enhanced Test Score	English Course	Course Title
ACT 0-17 in English	ENG 0103	English Skills
ACT 18 and above in English	ENG III3	English Composition I
ACT 28 and above in English	ENG II23	Honors Composition

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

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

For test taken in 2017 and following:

ACT Test Score	Math Course	Course Title for Recommended Placement in bold (other possible courses given as options)
ACT 0-17 in Math	MAT 0243	Mathematical Literacy
ACT 18-23 in Math	MAT 1243	Algebraic Reasoning and Modeling
ACT 24-25 in Math	MAT 1243, MAT 1163**, MAT 1193	Algebraic Reasoning and Modeling, Pre-Calculus, Business Calculus
ACT 26+ in Math	MAT 1243, MAT 1163**, MAT 1193, MAT 1195	Algebraic Reasoning and Modeling, Pre-Calculus, Business Calculus Calculus I

**MAT 1163 is intended for students who have skills beyond Algebraic Reasoning and Modeling, but are not quite ready for Calculus I (or do not desire to take Calculus I).

Note: MAT 0243 does not meet the mathematics general education requirements, nor does it carry college credit. It is necessary to develop the skills needed for success in future mathematics courses.

For test taken prior to 2017:

Pre-Algebra / Elementary Algebra Subscore	Intermediate Algebra / Coordinate Geometry Subscore	Plane Geometry / Trigonometry Subscore	Recommended Math Placement in bold (other possible courses given as options)
1-8	Not applicable	Not applicable	MAT 0243 Mathematical Literacy
9-10	1-12	Not applicable	MAT 0243 Mathematical Literacy
9-10	13-18	Not applicable	MAT 1243 Algebraic Reasoning and Modeling
11-12	Not applicable	Not applicable	MAT 1243 Algebraic Reasoning and Modeling
13-18	1-12	Not applicable	MAT 1243 Algebraic Reasoning and Modeling
13-18	13-18	1-13	MAT 1163 Pre-Calculus**, MAT 1193 Business Calculus, or MAT 1243 Algebraic Reasoning and Modeling
14-18	14-18	14-18	MAT 1195 Calculus I, MAT 1193 Business Calculus, MAT 1163 Pre-Calculus**, or MAT 1243 Algebraic Reasoning and Modeling

**MAT 1163 is intended for students who have skills beyond Algebraic Reasoning and Modeling, but are not quite ready for Calculus I (or do not desire to take Calculus I).

Note: MAT 0243 does not meet the mathematics general education requirements, nor does it carry college credit. It is necessary to develop the skills needed for success in future mathematics courses.

Scholastic Aptitude Test (SAT) Scores

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

SAT Scores (after 5/24/95)	Course Number	Course Name
Verbal: 430 and below	ENG 0103	English Skills
Verbal: 440-620	ENG 1113	English Composition I
Verbal: 630 and above	ENG 1123	Honors Composition

SAT Scores (after 5/24/95)	Course Number	Course Name
Math: 450 and below	MAT 0243	Mathematical Literacy
Math: 460-570	MAT 1243	Algebraic Reasoning and Modeling
Math: 580 and above	MAT 1195	Calculus I

Classic Learning Test (CLT) Scores

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

Verbal Reasoning + Grammar/Writing	English Course	Course Title
29-41	ENG 0103	English Skills
42-58	ENG 1113	English Composition I
59 and above	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 CLT scores.

CLT Quantitative Reasoning Score	Math Course	Course Title for Recommended Placement in bold (other possible courses given as options)
3-15	MAT 0243	Mathematical Literacy
16-20	MAT 1243	Algebraic Reasoning and Modeling
21-23	MAT 1243 MAT 1163* MAT 1193	Algebraic Reasoning and Modeling, PreCalculus, Business Calculus
24 and above	MAT 1243 MAT 1163* MAT 1193 or MAT 1195	Algebraic Reasoning and Modeling, PreCalculus, Business Calculus, Calculus I

*MAT 1163 is intended for students who have skills beyond Algebraic Reasoning and Modeling, but are not quite ready for Calculus I (or do not desire to take Calculus I).

NOTE: MAT 0243 does not meet the mathematics general education requirements, nor does it carry college credit. It is necessary to develop the skills needed for success in future mathematics courses.

Credit by Examination

Applicants may receive course credit through opportunities that existed at their high school and/or through examination. The examination and/or high school credit opportunity must be equivalent to a course taught at Southwest Baptist University.

Advanced Placement Examinations (AP)

The Advanced Placement Examination is a national system of credit by examination. The student must submit a request to the College Board for an official AP grade report to be sent directly to the Registrar's Office at Southwest Baptist University. When the official report is received, the Registrar will record the hours on the student's transcript. (Note: Copies of the AP grade report will not be accepted.) 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 1003 Principles of Biology and BIO 1001 Principles of Biology Lab
Calculus AB	3	5	MAT 1195 Calculus I
Calculus BC	3	10	MAT 1195 Calculus I and MAT 2255 Calculus II
Chemistry*	3	4	CHE 1103/CHE 1101 Principles of Chemistry and Lab
Chemistry*	4 or 5	5	CHE 1114/CHE 1111 General Chemistry I and Lab
Computer Science Principles	4 or 5	3	CIS 1033 Foundations of Computer Science
Computer Science A	4 or 5	4	CIS 1144 Computer Science I
English Language and Composition	3	3	ENG 1113 English Composition I
English Literature and Composition	3	3	ENG 2213 English Composition II
Environmental Science	3	4	BIO 2214 Environmental Biology
European History	3	3	HUM 1953 Cultural Studies
French Language	3	8	FRE 1114/1124 Elementary French I/Elementary French II
French Literature	3	3	FRE 2000 level elective
German Language	3	8	GER 1114/1124 Elementary German I/Elementary German II
Government & Politics: Comparative	3	3	POL 2000 level elective
Government & Politics: United States	3	3	POL 1113 American Government
Human Geography	3	3	GEO 1103 Geography
Latin: Vergil	3	3	HUM 2000 level elective
Latin Literature	3	3	HUM 2000 level elective
Music Theory	3	1	MUS 1601 Music Fundamentals Lab
Music Theory	4 or 5	4	MUS 1613 Theory I and MUS 1611 SS/ET I
Physics B*	3	3	PHY 2000 level elective
Physics C: Mechanics*; Physics 1	3	5	PHY 1114 General Physics I PHY 1111 General Physics I Lab
Physics C: Mechanics*; Physics 1	4 or 5	5	PHY 2214/PHY 2211 University Physics I and Lab
Physics C: Electricity and Magnetism*; Physics 2	3	5	PHY 1124/PHY 1121 General Physics II and Lab
Psychology	3	3	PSY 1013 General Psychology
Research	3	3	BEH 3233 Basic Research
Seminar	3	1	UNI 1121 Intro to Critical Thinking
Spanish Language	3	8	SPA 1114/1124 Elementary Spanish I/Elementary Spanish II
Spanish Literature	3	3	SPA 2000 level elective
Statistics	3	3	MAT 2953 Special Topics or BEH 2243 Statistics

Advanced Placement Examination	Score Required	Hours Granted	Institutional Courses Satisfied
Studio Art – Drawing	3	3	ART 1203 Drawing I
U.S. History	3	6	HIS 2213/HIS 2223 History of the U.S., 1492-1865 <i>and</i> History of the U.S. 1865-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

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

International Baccalaureate

Students enrolled at SBU who earned qualifying scores for Higher Level (HL) and/or Standard Level (SL) examinations will receive credit as outlined below:

1. Official transcripts must be issued by the International Baccalaureate North American Office and be on file in the Registrar's office. Credit will be evaluated on an individual course basis.
2. Contact the Registrar to inquire about an exam not listed below.
3. Students who transfer in science credit will need to have the laboratory work reviewed by a faculty member in the Division of Natural Sciences. Qualifying examinations in the sciences that do not include an extensive laboratory component will receive credit for the equivalent lecture, but will not receive lab credit.

IB Subject	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)	n/a	n/a	7	ART/FAR 1013 & ART 1103
Biology (with extensive lab work)	5	BIO 1954	4	BIO 1954
Business Management	5	BUS 2953	4	BUS 2953
Chemistry (without extensive lab work)	n/a	n/a	4	CHE 1000
Chemistry (with extensive lab work)	5	CHE 1103/CHE 1101	4	CHE 1103/CHE 1101

IB Subject	Minimum Score (Standard Level Exam)	SBU Equivalency	Minimum Score (Higher Level Exam)	SBU Equivalency
Chemistry (with extensive lab work)	n/a	n/a	6	CHE 1114/CHE 1111 & CHE 1124/CHE 1121
Computer Science (Common Core)	5	CIS 1033	5 (if in Java or C++)	CIS 1033 & CIS 1144
Computer Science (additional HL material)	n/a	n/a	5 (if in Java or C++)	CIS 1154
Economics	5	ECO 1953	4	ECO 1953
Environmental Systems	5	BIO 2214	n/a	n/a
Geography	5	GEO 1103	4	GEO 1103
Global Politics	4	POL 3313	4	POL 3313
History	5	HUM 1953	4	HUM 1953
Information Technology in Global Society	n/a	n/a	5	CIS 1103
Language A: Literature	5	ENG 1113 and ENG 2213	4	ENG 1113 and ENG 2213
Language A: Language and Literature	5	ENG 1113	4	ENG 1113
Language B – French	5	FRE 1114	4	FRE 1114 & FRE 1124
Language B – German	5	GER 1114	4	GER 1114 & GER 1124
Language B – Spanish	5	SPA 1114	4	SPA 1114 & SPA 1124
Language B – Spanish	n/a	n/a	6	SPA 1114, SPA 1124, SPA 2213, SPA 2223
Mathematics: Analysis and Approaches	5	MAT 2953	4 5	MAT 2953 MAT 2956
Mathematics: Applications and Interpretation	5	MAT 2953	4 5	MAT 2953 MAT 2956
Music	5	FAR 1023	4	FAR 1023
Physics (without extensive lab work)	n/a	n/a	4	PHY 1000
Physics (with extensive lab work)	5	PHY 1114/PHY 1111	4	PHY 1114/PHY 1111
Physics (with extensive lab work)	n/a	n/a	6	PHY 1114/PHY 1111 & PHY 1124/PHY 1121
Psychology	5	PSY 1013	4	PSY 1013
Psychology	n/a	n/a	6	PSY 1013 & PSY 2953

IB Subject	Minimum Score (Standard Level Exam)	SBU Equivalency	Minimum Score (Higher Level Exam)	SBU Equivalency
Social & Cultural Anthropology	n/a	n/a	6	SOC 2943
Theatre Arts	5	FAR 1033	4	FAR 1033

College-Level Examination Program (CLEP)

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.

The University Success Center, located in the Mabree Chapel building, administers the College-Level Examination Program (CLEP). This is a national system of credit-by-examination prepared by Educational Testing Services. There is a \$25 fee for administering the exam (payable to SBU) and a CLEP registration fee (currently \$89). The CLEP exams that have been approved for SBU equivalency are listed below and on the website for the University Success Center. Upon successful passage of the examination and payment of the transcription fee the Registrar will record the hours on the student's transcript.

CLEP Exam Title	Required Score	Hours Granted	SBU Equivalent Course(s)
American Literature**	50	3	ENG 2000 elective
Analyzing and Interpreting Literature	50	3	ENG 2000 elective
College Composition*	50	3	ENG 1113 English Composition I
English Literature**	50	3	ENG 2000 elective
French Language – Level 1 (2 semesters)	50	8	FRE 1114/1124 Elementary French I/Elementary French II
French Language – Level 2 (4 semesters)	59	14	FRE 1114/1124 Elementary French I/Elementary French II <i>and</i> FRE 2213/2223 Intermediate French I/Intermediate French II
German Language – Level 1 (2 semesters)	50	8	GER 1114/1124 Elementary German I/Elementary German II
German Language – Level 2 (4 semesters)	60	14	GER 1114/1124 Elementary German I/Elementary German II <i>and</i> GER 2213/2223 Intermediate German I/Intermediate German II
Spanish Language – Level 1 (2 semesters)	50	8	SPA 1114/1124 Elementary Spanish I/Elementary Spanish II
Spanish Language – Level 2 (4 semesters)	63	14	SPA 1114/1124 Elementary Spanish I/Elementary Spanish II <i>and</i> SPA 2213/2223 Intermediate Spanish I/Intermediate Spanish II
American Government	50	3	POL 1113 American Government

CLEP Exam Title	Required Score	Hours Granted	SBU Equivalent Course(s)
History of US I: Early Colonization-1877	50	3	HIS 2213 History of US, 1492-1865
History of US II: 1865 to the Present	50	3	HIS 2223 History of US, 1865-Present
Human Growth and Development	50	3	PSY 3063 Human Growth and Development
Humanities	50	3	FAR 1003 Introduction to Fine Arts
Introductory Psychology	50	3	PSY 1013 General Psychology
Introductory Sociology	50	3	SOC 1003 Introductory Sociology
Western Civilization I: Ancient Near East to 1648	50	3	HIS 1113 Intro to History of World Civilization: Early – Renaissance
Western Civilization II: 1648 to the Present	50	3	HIS 1123 Intro to History of World Civilization: Renaissance – Present
Biology+	50	4	BIO 1953 Principles of Biology & BIO 1951 Biology Lab
Calculus	50	5	MAT 1195 Calculus I
College Algebra	50	3	MAT 1243 Algebraic Reasoning and Modeling
Pre-Calculus	50	3	MAT 1163 Pre-Calculus
Financial Accounting	50	3	ACC 2013 Principles of Financial Accounting

* If the student makes an ACT English score of 28 or higher, or an SAT verbal score of 630 or higher, the Division of Language and Communication 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 Natural Sciences Division Head regarding proof of extensive lab work before registering for the exam.

Seal of Biliteracy

The Seal of Biliteracy is a credential granted by high schools to certify a student's proficiency in a language other than English. Students may request credit at SBU for their Seal of Biliteracy by submitting official documentation to the Registrar's Office. Credit granted will be 4-8 hours.

Divisional Examinations

Divisional examinations are tests prepared by professors on campus. Each divisional 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 divisional examinations should contact the respective division head. There is a \$30 fee for administering the examination. Upon successful passage of the examination, the student must pay \$40 per credit hour transcription fee to the Accounting Office (Cashier), and then the Registrar will record the hours on the student's transcript.

Financial Information

Tuition and Fees for Undergraduates

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

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

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

Bolivar Campus

Enrollment Deposit: \$200

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

Charge	Per Semester Cost	Total Fall/Spring
Tuition (12-18 hours) <i>Tuition above 18 hours: \$740 per credit hour</i>	\$13,645	\$27,290
Room – standard dorm room with fees*	\$1,836	\$3,672
Cafeteria – standard 20-meal plan	\$2,640	\$5,280
Mandatory Fees – student services fees	\$515	\$1,030
Total tuition, room, board and fees for standard undergraduate accommodations in University housing**	\$18,636	\$37,272

Undergraduate Tuition and Fees for Off-Campus Housing

Charge	Per Semester Cost	Total Fall/Spring
Tuition (12-18 hours) <i>Tuition above 18 hours: \$740 per credit hour</i>	\$13,645	\$27,290
Mandatory Fees – student services fees	\$515	\$1,030
Total tuition and fees for off-campus housing**	\$14,160	\$28,320

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 page 41 and following for this important information.

*The charges shown are for a standard form room with fees. Charges for dorm rooms with fees vary based on dorm style, as listed on the following pages.

**Amounts presented above do not include required course/lab fees. See course descriptions in Catalog and/or semester course schedule listing (*The Course Source*).

Part-Time (less than 12 hours) Student Fees

Undergraduate tuition per credit hour: **\$1,140**

Undergraduate audit per credit hour: **\$114**

Dually enrolled tuition per credit hour: **\$114**

Polk County Opportunity tuition/hour: **\$114**

Student services fees/semester:

1-5 credit hours: **\$240**

6-11 credit hours: **\$485**

SBU Academy: **\$235**

May Term Costs – January 2024

Undergraduate tuition per credit hour: **\$370**

Dorm room: **\$460** per term/**\$115** per week

20-Meal plan: **\$660** per term/**\$165** per week

Student services fee: **\$95** per term

Summer Costs – June and July 2024

Undergraduate tuition per credit hour: **\$370**

Dorm room: **\$460** per term/**\$115** per week

Apartments – Summer annual lease: **\$1,188**

15-Meal plan: **\$640** per term/**\$160** per week

Student services fee: **\$95** per term

Special Fees (Non-Refundable)

BSN enrollment deposit & onboarding processing fee: **\$200**

BSN nursing fee/semester: **\$1,500***

*(This fee covers additional library fees, nursing lab fees, standardized testing fees, and professional fees)

Student teaching fee: **\$350**

Dormitory Fees (Per Semester)

Beasley Hall: **\$1,836**

Casebolt Apartments: **\$2,376**

Landen Hall: **\$1,836**

Leslie Hall: **\$1,836**

Memorial Hall: **\$1,836**

Meyer Hall: **\$1,836**

Plaster Lodge: **\$1,836**

Roseman Apartments: **\$2,376**

Woody-Gott Halls: **\$1,836**

Mountain View, Salem and Springfield Campuses

Undergraduate Tuition Per Credit Hour

(Fall, Spring)

Mountain View Campus: **\$210**

Salem Campus, LPN Bridge: **\$520**

Salem Campus, All Other courses: **\$210**

Springfield, General courses: **\$290**

Springfield, ASN courses: **\$520**

Springfield, BSN courses: **\$410**

Springfield, HSC courses: **\$410**

Springfield, ASR courses: **\$410**

Undergraduate Tuition Per Credit Hour (Summer 2024)

Mountain View Campus: **\$210**

Salem Campus, LPN Bridge: **\$520**

Salem Campus, Other courses: **\$210**

Springfield, General courses: **\$290**

Springfield, ASN courses: **\$520**

Springfield, BSN courses: **\$410**

Springfield, HSC courses: **\$410**

Mandatory Fees Per Semester (Non-Refundable)

ASN Program Assessment Fee: **\$525**

Assessment fee, Part-time (non-ASN): **\$30**

Assessment fee, Full-time (non-ASN): **\$30**

ASN Lab Fee: **\$185**

Technology fee (12+ hours/semester): **\$190**

Technology fee (6-11 hours/semester): **\$170**

Technology fee (less than 6 hours/sem.): **\$150**

Student Association fee for all LPN/Paramedic bridge, ASN, and ASR: **\$36**

*Professional fees for nursing courses listed in the catalog description of courses.

Other Charges

ASN, ASR onboarding processing fee: **\$210**

ASN, ASR, HSC new student fee: **\$185**

BSN new student fee: **\$205**

Library fees (LPN/Paramedic Bridge, ASN, ASR, HSC and BSN courses): **\$30** per credit hour

All Campuses

Online Course Tuition

Per Credit Hour (unless program has a higher rate, i.e. BSN, HSC, ASN, LPN bridge): **\$370**

Special Fees (Non-Refundable)

(Charged to students using the designated service)

Change of final examination fee: **\$55**

Division exam testing fee: **\$30**

Transcripting fee – per credit hour: **\$45**

Dishonored check fee: **\$30**

Lab/course fees: *see course descriptions*

Late registration fee: **\$210**

Online Independent Study handling fee, per course: **\$30**

Online Independent Study tuition, per credit hour: *see tuition by campus*

Fee for withdrawal from class after last day to add classes: **\$80** per class

Auditing Fee, per credit hour: **\$95**

Program Completion Fees

Associate of Arts: **\$175**

Associate of Applied Science: **\$175**

Associate of Science in Nursing: **\$205**

Associate of Science in Radiography: **\$205**

Associate of Science: **\$175**

Bachelor of Arts: **\$175**

Bachelor of Science: **\$175**

Bachelor of Applied Science: **\$175**

Bachelor of Science in Health Science: **\$175**

Bachelor of Science in Nursing: **\$205**

Bachelor of Music: **\$175**

Second degree fee (*if completing two degrees at the same time*): **\$35**

Note: All mandatory fees are non-refundable.

Registration Procedures by Campus

Registration for the Bolivar Campus

The registration process consists of the following events:

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

Registration for the Springfield Campus

The registration process consists of the following events:

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

4. **Finalizing registration** by making full payment of the bill or making financial arrangements for full payment of the bill through scholarships, federal financial aid, or enrolling in a payment plan. The billing packet will have a due date for completion.

Registration for Mountain View or Salem Campuses

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

Late Registration Finalization for the Springfield Campus Only

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

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

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

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

Payment of Accounts

All charges for tuition, fees, and room and board are due in full at the beginning of each semester. These charges will be reduced by any financial aid (scholarships, federal aid, etc.) and loans for which the student is eligible. Students who are unable to pay their net charges in full at the beginning of a semester are required to select one of the University payment plans available through the MySBU portal.

Students with unpaid balances will not be eligible to enroll for future semesters or to receive transcripts and diplomas unless they are enrolled in and current on payments through a University payment plan. Students will be assessed finance charges on unpaid balances at an annual rate of 9%. Delinquent accounts requiring additional collection efforts will be subject to additional costs including but not limited to outside collection fees, legal fees and other administrative costs.

All students are required to acknowledge and agree to the Student Financial Responsibility Statement once each academic year via the MySBU portal.

Tuition Refund Policy

The University has three basic semester terms: (1) Fall/spring semester, (2) 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. **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 related to the above structure:

When refund is requested	Amount refunded for Fall/Spring	Amount refunded for Eight-Week terms	Amount refunded for Four-Week terms
Prior to first day of class	100%	100%	100%
During first 5 days of semester/term	100%	100%	75%
During next 5 days of semester/term	75%	75%	50%
During next 5 days of semester/term	50%	25%	0%

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

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

OLIS Course Refunds

Refunds on the tuition charges for all OLIS courses will be according to the following schedule from date of registration:

0 – 30 calendar days: 100% of 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, based on when the student withdraws from school or from housing:

Prior to the start of classes: 100% refund
Before the fifth class day: 90% refund
After the fifth class day: No refund

Special Circumstances Tuition Refunds

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

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 prior to completing 60% of the term 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, or the last day of class participation. See consumer information on the SBU website for additional information about withdrawing from school.

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 Official Transcripts must be made in person or on the web via the National Student Clearinghouse. Official Transcript requests can be found on the SBU website at:

<http://www.sbuniv.edu/Reg/Transcript.HTM>.

Requests for Unofficial Transcripts must be made in person or via email. Instructions for requesting Unofficial Transcripts can be found on the SBU website at:

<http://www.sbuniv.edu/Reg/Transcript.HTM>.

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 \$10.00 for first-class delivery; \$40.00 for express delivery. The official transcript is printed on security paper with the University Seal and 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 Scholarship Regulations

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

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

Academic Scholarships for 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 Presidential 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-\$2,500. If you qualify for the Presidential Distinguished Scholars Award or the Provost's Scholars Award, then you may apply for this scholarship. To apply, complete the Scholars Application prior to the deadline and attend Scholars Day.

Presidential Distinguished Scholars Award

This academic scholarship is valued at \$13,500* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

Provost's Scholars Award

This academic scholarship is valued at \$12,500* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

Dean's Scholars Award

This academic scholarship is valued at \$11,500* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

Bearcat Scholars Award

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

**SBU Residency Grant*

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

Academic Scholarships for Transfer Students

Presidential Transfer Award

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

Provost's Transfer Award

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

Dean's Transfer Award

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

Bearcat Transfer Award

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

**SBU Residency Grant*

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

Church-Related Scholarships

Church-Related Vocation Scholarship

The Church-Related Vocation Scholarship is \$2,000 per year. Recipients of this award must major in Biblical Studies, Christian Ministries, Intercultural Studies, or Christian Studies. Students must request the CRV scholarship during the financial aid process. Recipients are expected to create a Christian service portfolio in consultation with their Redford advisor. Also, recipients must complete at least 6 hours of courses from their Redford major by the time they reach 64 credit hours and a total of 18 hours by the time they reach 96 credit hours.

Dependent of Church Minister Scholarship

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

Performance Scholarships

Art Scholarship

Art scholarships are available to students who demonstrate outstanding ability in art. Recipients are required to major in art. Inquiries should be directed to, and scholarship forms may be obtained from the Area 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, cross country/track, and tennis programs. Scholarships are offered to women for basketball, softball, volleyball, cross country/track, soccer, stunt, 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 Division of The Arts. 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 the Bob R. Derryberry Division of Language and Communication. Awards are approved on a semester basis for selected students who maintain at least a 3.00 GPA.

Theatre Scholarship (Suspended)

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.

Dual Credit Scholarship

If a student earns 6 or more hours of college dual credit through SBU, they could be eligible for a scholarship providing they meet the eligibility requirements. Only coursework taken after August 1, 2017, will count toward the 6 hours and the policy begins with students entering SBU the Fall 2019 semester.

Eligibility requirements for dual credit scholarships:

- Earned six or more hours of dual credit through SBU dual credit courses
- Achieved a cumulative 3.0 or higher GPA in their SBU dual credit courses
- Be enrolled as a full-time student (12 hours minimum)

To receive \$1,000 per semester, students must be enrolled on the Bolivar campus and live in campus housing. To receive \$500 per semester, students must be enrolled on the Bolivar campus, but not live in campus housing. To receive \$100 per semester, students must be enrolled on the Mountain View, Salem or Springfield campus. Students are eligible to only receive one dual credit scholarship per semester. These scholarships are renewable each semester at while maintaining a minimum GPA of 2.0. The scholarship does not apply if the student is receiving a full-tuition scholarship.

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).

Polk County Opportunity

Students may be eligible for the Polk County Opportunity rate (see Part-Time (less than 12 hours) Student Fees section) if they are non-degree seeking, live or work in Polk County Missouri and have not previously attended SBU. Students are eligible for this rate for up to 6 hours per semester, but not more than a total of 12 hours. At the completion of 12 hours, students will be charged the normal part-time rate.

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 per student. The scholarship will be renewed if the sibling continues to be a Bolivar student and/or graduates from SBU.

Other Institutional Scholarships

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

Private Scholarships

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

A limited number of private scholarships are available to students attending Mountain View, Salem, and Springfield. Interested students may contact their campus of attendance for more information.

Completing the FAFSA:

All undergraduate students at Southwest Baptist University are required to complete the Free Application for Federal Student Aid (FAFSA), to be eligible for any institution aid beyond their initial merit scholarship or to enroll in congruent terms.

Completion of the FAFSA is required for consideration of federal, state, non-merit institutional awards and need-based institutional financial aid. This includes, but is not limited to the following:

- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (FSEOG)
- Federal subsidized and/or unsubsidized Direct Student Loans
- Federal Parent Loan for Undergraduate Students (PLUS)
- Federal Work-Study
- Any State grants or need-based scholarships funded by the State of Missouri
- Institutional non-merit scholarships or awards

- Institutional divisional or endowed scholarships
- Institutional performance-based scholarships
- Any need-based institutional grants or scholarships

Students who do not wish to receive additional institutional aid may complete and submit a waiver to the Office of Financial Assistance.

Federal or State Assistance Programs

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

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

Access Missouri Program

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

Federal Pell Grant

The Pell grant is funded by the U.S. Office of Education. Grants range up to \$6,495 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 February 1 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 nursing or direct loan programs.

Federal Nursing Loan

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

Federal Direct Subsidized Loan

Federal Direct Loans are available to students who are enrolled on at least a half-time basis and who demonstrate financial need. Eligible students may borrow up to \$3,500 for their first year of school (0-29 hours), \$4,500 for the second year (30-63 hours), and \$5,500 for the third (64-95 hours) fourth and fifth years (96+ hours) of school. Repayment begins six months after half-time enrollment status ceases, at a minimum rate of \$50 per month plus interest. The current interest rate is 3.73%.

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 3.73%. In addition to the subsidized amounts, dependent undergraduates may borrow an additional \$2,000 per year in Unsubsidized Loans. Independent first- and second-year undergraduates and dependents whose parents have been denied a plus loan may borrow an additional \$4,000 in Unsubsidized loans. Independent third- and fourth-year undergraduates and dependents whose parents have been denied a plus loan may borrow an additional \$5,000 in Unsubsidized Loans.

Direct Plus Loan (Parent loan)

The Parent Loan program was established to enable parents to borrow money to assist in the post-secondary educational expenses of their dependent sons and daughters. Eligible parents may borrow up to the total cost of attendance, less students' financial assistance per academic year on behalf of each dependent undergraduate student. The first payment is due within 60 days of the date the loan is disbursed. The interest rate is currently at 6.28%. 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.

Financial Assistance Satisfactory Academic Progress Policy (SAP)

Southwest Baptist University is required by law to establish Satisfactory Academic Progress (SAP) standards to gauge the progress of students receiving financial assistance through federal, state or institutional aid programs by applying both qualitative and quantitative measurements to academic work. [34 CFR 668.16(e)] These measurements shall be used to determine a student's eligibility for all federal Title IV aid and for other need-based financial assistance, unless the terms of a particular grant or

funding source states otherwise. Degree seeking students in all undergraduate programs are covered under this policy. (SAP) will be reviewed at the end of every semester, and you must be meeting SAP standards or you will either be placed on Financial Aid Warning, Financial Aid Probation, or Financial Aid Suspension. Students on Financial Aid Suspension may be eligible to appeal their suspension.

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

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

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

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

Maximum Time Frame – Regulations require the maximum time frame to not exceed 150% of the published length of the program, measured in the required academic credit hours. For example, the length of most undergraduate academic programs is 128 credit hours required for degree completion and may not exceed 192 attempted credit hours (150% of 128 credit hours = 192 maximum attempted hours). Students who exceed the maximum time frame may request an extension by completing an appeal form, if approved aid would be offered on a semester by semester basis.

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

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

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

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

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

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

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

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

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

SAP Appeal Process

- Students who have been notified that they are on Financial Aid Suspension will be required to complete a financial aid appeal.
- The first appeal, if approved, places the student on financial aid probation status and they are eligible to receive financial aid.
- A second appeal places a student on financial aid probation and they must complete the appeal process again with supporting documentation. The student is eligible to receive financial aid for an additional semester but must meet stipulations outlined in the appeal decision (e.g., limited hours or repeating course to raise GPA).
- Students who fail to meet SAP requirements for three consecutive semesters are no longer eligible to receive financial aid.
- If a student is making progress on their academic plan but is still below the SAP requirements, a student can be granted extended probation status and continue to receive financial aid as long as appeal stipulations are being met. Failure to make progress and/or failure to follow the academic plan will result in an appeal being denied and loss of financial aid eligibility.
- Extenuating circumstances include: death of family member, illness, injury, or other circumstances beyond the student's control. Appropriate supporting documentation must be provided. Students may not use the same extenuating circumstance for multiple appeals without sufficient documentation of ongoing issues.
- Appeals must include a statement from the student explaining why they did not meet the SAP requirements, what has changed to allow them to meet the requirements in the next semester, an academic plan completed by the student and the advisor, and a statement from the advisor.
- Students who reach the maximum timeframe due to switching majors, second majors or additional degrees, will be evaluated on a case by case basis through the appeal process (incomplete appeals will not be reviewed).

Reestablishing Financial Aid Eligibility

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

Disbursement of Funds Policy

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

Veterans and Military Students

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.

SBU, in compliance with USC Title 38 Public Law 115-407 Section 103 (A) & (B), any student utilizing these chapters will not be assessed any penalties, fines, or interest as a result of the delay in receiving their Veteran's Administration (VA) educational benefits. These students will still have access to, and be able to utilize all facilities on all SBU campuses. While the payment for Chapters 30, 35, and 1606 are paid directly to the student, and these students are covered under the law discussed in this section. The student is still responsible for ensuring that the University is paid in full by the end of the semester.

Veterans' Benefits

In conjunction with Veteran's Administration (VA) rules regarding USC Title 38 Section 21.4201 (e2i) any student eligible for any scholarship or award will be able to receive the award regardless of any VA benefit they may be utilizing. Furthermore, any student, VA and non-VA student alike, who is utilizing a payment plan with SBU must have that balance paid in full before the end of the semester and may not start any new semester until that balance is paid in full.

All persons wishing to use VA benefits are now required to request the use of their specific benefit each month utilizing the Veteran Certification Request Form. This form is located on the [SBU website](#).

Beginning August of 2022, in accordance with Public Law 316-315 Section 1018, students using VA benefits will be required to meet with SBU's VA Certifying Officer to go over the possible cost of their education, the other sources of income besides VA benefits, and other information.

The Registrar's Office serves as the certifying office 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.

Open to anyone using VA educational benefits. Spaces are limited so apply near/at the beginning of the semester. Applicants will need to fill out a VA Form 22-8691, the hourly rate will be the Federal minimum wage or the minimum wage for the state, or whichever is greater. The total hours you can work will not exceed 25 times the number of weeks in the semester, the student cannot work more than 25

hours in a week. Applicants will be chosen each semester. You must be passing your courses and you must maintain at least a 2.0 GPA. Your responsibilities will be:

- Answer the phone in the VA section
- Greet Students that come in
- Answer guest students questions as best they can in regards to VA Ed. Benefits
- Refer all questions that cannot be answered to the site supervisor
- Assist Site Supervisor with files
- Assist Site Supervisor in filing documents in student files
- Make sure student files are up to date and in the correct order
- Collect VA education paper work from students
- Print VA paperwork as needed to assist the site supervisor to help VA students
- VA Work Study Students may not perform physical manual labor other than what is previously listed here
- No work outside the VA section may be completed while on the VA time clock
- Work Study students may not assist other sections while on the VA time clock.
- All times sheets must be filled out each day and signed by site supervisor each day

Student Life

Student Orientation

Welcome Week, under the leadership of the Director of First-Year Experiences 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 and spring semesters. 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.SBUuniv.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 are required to live in campus housing. Students living in dorm facilities are required to have an on-campus 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. **Gott Hall** houses 72 male students, two students per room, with community bath facilities on each floor.

4. **Landen Hall** houses 198 male students in suites of two, living room-bedroom units with an adjoining bath.
5. **Leslie Hall** is an accommodation arranged in two, living room-bedroom units with an adjoining bath. This facility houses 198 female students.
6. **Meyer Hall** is a men's dormitory housing 48 students, with two students per room and a bathroom in each room.
7. **Plaster Lodge** accommodates 62 female students, with two students per room and a bathroom in each room.
8. **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.
9. **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 Vice President for Student Development. The hours of curfew are:

Sunday – Thursday: 12 midnight – 6 a.m.

Friday – Saturday: 2 a.m. – 6 a.m.

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

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

Cancellation of Housing and/or Meal Plan Reservations

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

Cancellations for the summer and January semesters should be made 14 days prior to the beginning of the semester. Other cancellation and withdrawal policies regarding housing are outlined in the Financial Information section of this catalog. For additional information, see the online *SBU Student Handbook* at www.SBUiv.edu/StudentHandbook.

Commuter Status Policy

To be eligible for commuter status, a student must meet Off-Campus Housing requirements or live with their parents, grandparents, or approved legal guardian who must live within a 30-mile radius of SBU's

Bolivar campus. Appeals to the aforementioned policy will be considered by the Vice President for Student Development on a case-by-case basis.

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

Off-Campus Housing

Students who are 21 years of age by October 1 for the fall semester or March 1 for the spring semester 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 May 1 for the fall semester or summer term and December 1 for the spring semester or January term. All applications should be filed with the Office of Student Life. Students who are eligible to move off-campus and file past the off-campus deadline will be assessed a \$100 late fee.

Automobiles

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

Student Identification Card

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

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

Student Services

Counseling and Testing

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

Career Services

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

Student Health Services

The University has a registered nurse who administers SBU's Killian Health Center located in the Meyer Wellness Center. The Health Center is open from 8:00 a.m. to 4:00 p.m., Monday through Thursday and 8:00 a.m. to 3:00 p.m. on Friday, during fall and spring semesters. Appointments begin at 9:00 am. Office hours are limited during the Summer Session.

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

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

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

Wellness and Sports Center

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

Student Organizations

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

Student Association

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

University Activities Council

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

Academic Organizations

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

Professional Organizations

The *Association for Computing Machinery (ACM)* is an international professional student organization promoting excellence in computer science fields. The *Behavioral Sciences 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. The *Church Music Conference* is a student chapter of the Baptist Church Music Conference and serves as a professional organization for all students interested in church music. *Delta Epsilon Chi (Accounting Club)* is open to all students interested in accounting and financial management. *Fellowship of Christian Recreators* provides professional guidance for majors and minors in all areas of recreation. Future Business Leaders of America-*Phi Beta Lambda* is a national organization for students who are preparing for careers in business. *National Association for Music Education* is a student chapter of the national organization and is open to any student interested in teaching music. *Phi Alpha* is the national honor society in social work. *Pi Kappa Delta* is an honorary fraternity open to students who earn membership through forensic achievement both on campus and through participation in intercollegiate debate and individual speech events throughout the entire academic year. The *Social Work Club* is open to pre-Social Work and Social Work students and provides opportunities for learning and community involvement. The *Student Missouri State Teachers Association* is for students interested in and preparing for the teaching profession and is affiliated with the Missouri State Teachers Association. Zeta Kappa Chapter of *Delta Mu Delta*, a business administration honor society, is for qualified business majors. *Financial Management Association (FMA)* allows students to broaden their knowledge in finance and related areas, sharpen their professional skills, and prepare themselves for the professional workplace.

Fellowship Organizations

Book Club encourages interest and participation in cultural activities that are related to literature. The *International Student Club* provides support to international students and helps them to make the transition to university life in the United States. The *Pre-Health Society* is an organization helping future doctors, pharmacists, dentists, nurses, and veterinarians complete their undergraduate work and gain entrance into their 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. *Sigma Mu Theta* is comprised of wives of students preparing for the ministry and other church-related vocations. *One in Four* is a social organization which educates students about relationship abuse on the college campus.

Spiritual Life and Ministry

The University has a commitment to providing opportunities for faculty, staff, and students to develop

and deepen their spiritual lives. The main purpose 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 Chapel and other Community Life & Worship programs: Center for Global Connections (CGC), discipleship, mentoring programs and various other student ministries.

University Chapel and Discipleship Ministries

Mr. Stedman Valentine, Campus Pastor and Director of Discipleship
(417) 328-1902

Chapel: The Heart of the SBU Experience

Chapel is an integral part of the SBU experience and central to our life together. Chapel helps to build a sense of community at SBU by providing a shared experience of worship, biblical teaching, community, and prayer.

The first week of each semester will begin with a special Bible or missions conference. Chapel services will be held each Monday and Wednesday from 10:00–10:50 a.m. in Pike Auditorium, which is located inside Mabee Chapel.

Discipleship

At SBU, we are not only committed to training students in truth that they may become wiser but also instructing them in righteousness that they may become holier. Both occur in an environment dedicated to discipleship.

We aim to encourage every student to love the Lord with all his heart, mind, and soul, and love his neighbor as himself. This is something we pray and labor for. We equip our staff and faculty, we train our Resident Directors and Resident Assistants, and we offer our students a variety of discipleship programs. Any student who desires to grow in his or her faith in Jesus Christ at SBU will experience no shortage of opportunities to do so.

The primary (but not only) opportunity for discipleship at SBU comes through the SBU D-Groups. These SBU D-Groups are student-led and overseen by Stedman Valentine, the Campus Pastor and Director of Discipleship. For more information, Stedman at (417)328-1902 or Svalentine@SBUiv.edu.

Community Life and Worship Programs

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. Small group ministries are 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

CGC provides life-changing opportunities throughout the world involving faculty, staff, and students. The focus of 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 have the opportunity to volunteer with many not-for-profit ministries within the Bolivar area.

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.

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

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

University Publications

The Catalog and *SBUlife* are the official University publications. Any other publication to be distributed to students, faculty, and staff must have approval from the Office of Student Life. The University reserves all publisher rights and privileges to these publications. The official publication, *SBUlife*, 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 Division of Language and Communication maintains an active program of participation in intercollegiate debate and forensics. Membership on the traveling groups is achieved by performance, and each year students represent the University locally and in major tournament competition.

Theatre

The Division of the Arts 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 Area of Music and are open to all qualified students of the University for credit: University Singers, SBU Chorale, Chamber Singers, Opera Theatre, Wind Symphony, University Band, Bearcat Marching Band, Worship Ensemble, Jazz Ensemble, Brass Ensemble, Percussion Ensemble, Woodwind Ensemble, and String Ensemble. Auditions are required for some ensembles.

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.

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 area 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 faculty in the area of Biology, in consultation with other division personnel, shall select the recipient of the award. Criteria for selection are:

1. A biology or medical technology major
2. A graduating senior
3. An area 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 Division of Language and Communication 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 Division of Language and Communication. 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 Area of Mathematics. Professor Hurst was chair 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.

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

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

Degree Requirements

General Regulations

1. Students are eligible to graduate after fulfilling the requirements described in the academic regulations section of the catalog under which they first enroll at Southwest Baptist University. They have a seven-year period during which they may graduate under that catalog. If there are extenuating circumstances, the student may appeal to the Academic 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 attend 75% of Chapel sessions offered per semester.
6. A student may not simultaneously pursue more than two undergraduate academic majors at Southwest Baptist University.

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

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

1. Complete all general education requirements.
2. Complete graduation requirements as established for the degree desired.
3. Complete an approved major and its required supporting work.
4. Complete at least 120 approved hours, of which 39 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 120 hours. Students may count no more than 4 credit hours of physical activity courses toward the 120-hour graduation requirement (except physical education and sport management majors). KIN 1162 does not count as part of this 4 credit-hour limit. No more than 38 hours in a single discipline (e.g., business, history or music) will be counted toward the Bachelor of Arts degree.
5. Complete 30 of the last 36 hours of the degree program as residence credit at an SBU degree-granting site that is accredited to offer the student's major. (The intention of this policy is to ensure that the student's major-area courses will be principally completed at an SBU degree-granting site.)

6. At least one-half of a student's major must be completed at Southwest Baptist University. *Note:* SBU will accept no more than 90 hours from other institutions toward a degree. No more than 72 semester hours of credit may be transferred from community or junior colleges.
7. Earn an average of two grade points (2.00) for each credit hour's work attempted, including at least an average of two grade points (2.00) in the major, minor, or certificate. (*Note:* Some majors require a GPA higher than 2.00 points for all course work in the major.) and including at least a two grade point average (2.00) in all work taken at Southwest Baptist University.
8. File online a Graduation Application 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 expected 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. Students who cannot participate should inform the Office of the Provost (graduation@sbuniv.edu).
10. Students completing graduation requirements in the summer may participate in the May commencement if they have no more than 12 hours to complete (6 hours in June and 6 hours in July) and upon approval by the college dean. These students need to receive permission to walk early by submitting the Request to Walk Early form to their college dean. Student diplomas will be dated in the completion semester.

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

None of the associate's degrees can be received in conjunction with a bachelor's degree. To receive any of the associate's 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. At least 25% of the total hours for the degree must be completed at SBU.
4. 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.
5. File online an Intent to Graduate card on or before the date listed in the calendar prior to the proposed date of graduation.
6. Participate in December or May commencement. Students who cannot participate should inform the Office of the Provost (graduation@sbuniv.edu).
7. 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)

1. 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:
2. 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.
3. 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.
4. Complete requirements for the second major.
5. Complete BIB 1013/1213, 1023/1223, and SPF 2012/2023/2032, if the first degree was awarded at another institution.
6. Earn an average of two grade points (2.00) in all work taken for the second degree.

SBU Recognitions

Honor Roll

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

Honor's List: 3.00-3.49

Deans' List: 3.50-3.69

President's List: 3.70-3.84

Trustees' List: 3.85-4.00

Honors Graduation

Undergraduate students will graduate with honors according to the following institutional GPAs (only grades earned at SBU are considered). 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. The institutional GPAs during the first half of the semester of graduation will be used to determine honor graduates for the commencement ceremony.

Summa cum laude: 3.850-4.00

Magna cum laude: 3.700-3.849

Cum laude: 3.500-3.699

The institutional 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

Academic Penalty

The term academic penalty denotes the assignment of a failing grade on a student's academic transcript for a course the student withdraws from while failing after the "last day to withdraw without academic penalty." Failing grades are included in GPA computation but a grade of W (withdrawal) is not included in GPA computation. The Academic Standing a student may be given at the completion of the semester is a result of their GPA and is to warn students of a low GPA and is not an Academic Penalty. A course with a grade of W will be used in the credit hours attempted computation used in determining Academic

Standing. For financial aid consequences of withdrawing from a class see the Satisfactory Academic Progress Policy.

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. All first-year students and transfer students who have completed less than two full-time semesters at another institution, along any students who are undecided on their major are assigned a faculty advisor in the University Success Center. Other students are assigned faculty advisors based on the number of semesters they have completed 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. W grades are not assigned grade points and are not considered in computing students' grade point averages. W grades are assigned in classes where a student withdraws from a class after the last day to add classes but before the last day to withdraw from class without academic penalty or withdraws after the last day to withdraw from class without academic penalty from a class in which they have a passing grade. In order to graduate, students must earn an average of two grade points (2.0 - C average) for each credit hour attempted. Grade Point Average, GPA, is computed by summing (the grade points for each course times credit hours for each course attempted) and dividing that sum by the number of hours attempted. For example, a student might be taking 12 hours. They get a C in a 5 hour class, an A in two 3 hour classes and a D in a 1 hour class. The GPA = $(2*5 + 4*3 + 4*3 + 1*1)/12 = 2.917$.

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 division head 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 120 days of the posting of the incomplete grade. If the incomplete is not cleared within this specified time limit, the I will convert to an F.

In-Progress Grades

An In-Progress (IP) grade may be given for courses that usually require more than one semester to complete (e.g., readings, theses, internships, or practicum courses). Requirements for completing the course 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 division head 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 within 120 days of the posting of the in-progress grade. 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

This grading status of "audit" will permit a 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. Note: When a student audits a course, the hours for the audited course do count in the load for the term; however, no hours are earned and the course is not calculated in the total number of hours or GPA.

A degree-seeking student who wishes to audit a course should discuss this wish with their academic advisor. If the advisor agrees that auditing a course is in the best interest of the student, the advisor will contact the course instructor and request permission for the student to audit the course. If the instructor agrees, once the student is registered in the course, the advisor should ask the Registrar's Office to make the grading designation that of "audit."

A non-degree seeking student who wishes to audit a course must have permission from the instructor to register in the course as a student who is auditing the class. The student should forward the instructor's permission to the Registrar's Office and request to be registered in the course. 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.)

Load Limit for Credit Hours

In any semester, a student is limited to the number of credit hours that can be taken, according to their GPA. This limit includes all college courses, OLIS or otherwise, being taken at SBU or elsewhere. If a student exceeds load limit restrictions, the University will require the student to reduce load hours. The normal load for all students each semester, provided students have a minimum cumulative GPA of 2.00, is

16 credit hours, and the normal load for January, June, or July is 4 credit hours. First-semester first-year students are limited to 16 credit hours. Other students may be permitted to enroll in additional hours with or without special permission, depending upon their GPAs, as stated below.

Additional Hours Without Special Permission

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

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

Note: More than 6 hours in a J-term is not permitted. More than 20 hours in a fall or spring semester is not permitted.

Repeating Courses

Courses taken at Southwest Baptist University for which the grade is F or D may be repeated only twice. Courses taken for which the grade is C can be repeated only once. Courses taken for which the grade is B cannot be repeated. Exception to the number of times a course can be repeated may be granted only by the Provost. If the course is repeated at another college or university, approval must be received from the appropriate SBU division head 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 division head's or general education committee's approval prior to enrolling in the course.

Pass-Fail Option

The pass-fail option is intended to provide students with opportunities to pursue specialized or outside interests without penalty or reduction in GPAs. By taking a course pass-fail, a student has the opportunity to broaden his/her background and gain knowledge in a field that might allow them to be more versatile and productive.

In order to take a graded course for pass-fail, the student must discuss this wish with his/her academic advisor. If the advisor approves, the student should complete a Pass-Fail form and submit it to the Registrar's Office before the last day to add courses at the beginning of the term. The Pass-Fail form must be signed by the student, the advisor, 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.
2. Honors classes cannot be taken on a P/F basis.
3. The P/F option is not available for the repeating of a course for which a student has received a letter grade.

The following outlines the grading approach and implications:

- 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.
- A grade of P will not affect the GPA; however, an F will adversely affect the GPA as do F's in graded courses.
- Instructors are not informed of students enrolled in their courses on the P/F basis, unless the instructor is the student's advisor.
- Final grades are converted to this system in the Office of the Registrar.

Declaring an Academic Major (Bolivar undergraduates)

First-year students should select an academic major during their second semester at SBU. At this time they will be assigned an advisor in their major. Those who are undecided on a major will be advised by the faculty in the University Success Center, who initially advise all entering first-year students and all transfer students who have completed less than two full-time semesters elsewhere. 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 a Student's Academic Program form from a faculty member in the new major or from the campus director. If the change of program is found to be in the student's best interest, the form is completed and signed by both the student and the faculty member in the new major. If education is a part of the old or new degree, the certification officer's signature is required. Once the form is complete and has the necessary signatures, the faculty member forwards the form to their division head. The division head notes who the student's new advisor will be, signs the form, and forwards the form to the Registrar's Office, where the academic program and advisor changes will be made in Colleague.

Credit Check – Degree Audit

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

Final Examinations

All students may be required to take final examinations. Final examinations are scheduled during the last week of each semester, or at the conclusion of course instruction. 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. There is a fee for rescheduling of a final exam or if decided by the instructor and dean given an incomplete (See Special Fees).

Students may request to reschedule a final exam. Students should make their request to reschedule a final exam directly to the faculty teaching the course. The faculty can choose to reschedule the exam to another day or time within final exam week, or may choose to assign an incomplete. In the case of an incomplete, the exam must be made up within 120 days after final grades are submitted. The dean will determine whether or not the final exam reschedule fee should be waived for the cause of a family emergency. Appeal of the faculty decision on reschedule of a final exam should be made to the appropriate dean. 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. Students must be enrolled in the course to attend the course.

- 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.
- Attendance in an online course should reflect a substantive activity such as discussion board activity, submission of an assignment, or test taken, during a course login to count as "attendance." Just logging into the class does not count as attendance without activity of some type. Last date of attendance will be reported when a student drops an online course. To determine the last date of attendance, the due date for the last graded activity will be used. For example, if a student submits a post on 9/7 for a graded discussion board that is due by 9/8, then the last date of attendance is 9/8. This is to be determined by the instructor prior to the student dropping the course.

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 ensuring 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 four-week summer terms or during the first four class days of the eight-week summer term.

Withdrawing from (Dropping) a Class After the Last Day to Add

Students may, with the appropriate approvals, discontinue (drop) any class for which they are registered. To do so, students should email their advisor and request to drop a specific class. The advisor will provide the student with a "Drop Slip" Template. The student should email the completed template to his/her advisor, the course instructor, and, if a student athlete, SBU's NCAA Compliance Officer. Once all parties have given their approval and the instructor has provided the last date of attendance for the course being dropped, the advisor forwards the email thread to the Registrar's Office to complete the drop. The recorded drop date will be the last date of attendance. 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 120 days, the Incomplete (I) converts to an F. Students dropping a course will be charged \$75 per dropped class after the change of enrollment period.

Withdrawing from School

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

Administrative Withdrawal

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

1. The student will be summoned by the Vice President for Student Development or the Campus Director.
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. Should a student's GPA drop below 2.0, some credit hour restriction or extra-class restriction will be applied to enable the student to focus on fewer classes in order to raise their GPA.

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 Summer grades will be notified by the Provost.
3. Academic Review is a classification that will be given to degree-seeking undergraduate students who were attempting fewer than 12 semester institutional hours at the last day to add a class and whose institutional cumulative GPA is less than 2.000. Once students have attempted 12 or more institutional hours they will be reviewed like all other students. Students on Academic Review may enroll in a normal load for the next semester. Special restrictions may be placed upon subsequent course loads, if the student's academic progress does not improve.
4. Credit hour restrictions may be waived under special circumstances as determined by the advisor and approved by the Provost.
5. Students must be in acceptable academic standing in order to represent SBU in extracurricular activities, they must achieve academic standings that are at or above the special guidance level for their class standing. Students on Probation or Dismissal are not allowed to participate in activities representing the University.
6. Students who are not in good standing will receive notification from the Provost within three weeks from the end of the semester.
7. The phrase no discernible improvement seen in the tables below refers to a review of a student's academic performance after consecutive semesters with the status of Probation. If after such review the university determines there has been no discernible improvement in the second semester on Probation, Dismissal standing may remain.

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

Class Standing	Institutional GPA	Academic Standing	Semester Hour Limit
<i>(12 – 29 credit hours)</i>			
Freshman	1.600-1.999	Academic Difficulty	15 semester hours
Class Standing	Institutional GPA	Academic Standing	Semester Hour Limit
Freshman	1.000-1.599	Special Guidance	14 semester hours
Freshman	Less than 1.000	Probation	12 semester hours
Freshman	No discernible improvement	Dismissal	n/a
<i>(30 – 63 credit hours)</i>			
Sophomore	1.770-1.999	Academic Difficulty	15 semester hours
Sophomore	1.300-1.769	Special Guidance	14 semester hours
Sophomore	Less than 1.300	Probation	12 semester hours
Sophomore	No discernible improvement	Dismissal	n/a
<i>(64 – 95 credit hours)</i>			
Junior	1.900-1.999	Academic Difficulty	15 semester hours
Junior	1.600-1.899	Special Guidance	14 semester hours
Junior	Less than 1.600	Probation	12 semester hours
Junior	No discernible improvement	Dismissal	n/a
<i>(96+ credit hours)</i>			
Senior	1.800-1.999	Special Guidance	14 semester hours
Senior	Less than 1.800	Probation	12 semester hours
Senior	No discernible improvement	Dismissal	n/a

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:

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

The Academic 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 student may be invited to attend the review session. A final decision by the Academic 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 Academic 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 as well as the student will be notified of the decision of the Academic Council.

Academic Policies

Academic Integrity

(Adopted by the Faculty Senate, November 3, 2000)

1. Plagiarism:
 - a. Using the ideas or writings of one's own;
 - b. 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.
 - c. Examples of plagiarism include, but are not limited to:
 - i. Using ideas, words or phrases, and/or wholesale scripts from another's work without proper acknowledgement.
 - ii. Submitting the same work in two courses without the written permission of each instructor.

- d. Additional examples of plagiarism may be found in the textbooks for English Composition I and II.
2. Cheating:
 - a. To deceive by trickery;
 - b. To mislead;
 - c. To practice fraud; and/or
 - d. To act dishonestly, as defined in the *American Heritage Dictionary of the English Language, New College Edition* published by Houghton-Mifflin, 1980.
 - e. 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 evaluation instrument after the grade has been assigned for the purpose of misrepresenting the students' 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 Vice President for Student Development and should be reported to the Vice President for Student Development using the Academic Infraction Form. Faculty sanctions may include any of the following sanctions, or sanctions approved and included in the course syllabus:

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

Academic Dishonesty Appeal Policy

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

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

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

The division head may:

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

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

- Accept the decision of the division head.
- Appeal to the division head's dean.

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

Grade Appeal Policy

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

1. Only the final overall course grade may be appealed.
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. Deviation from established procedure is defined as assignment of a grade on a basis other than the student's performance in the course, assignment of a grade to a student by more stringent or different standards from those that were applied to other students in the course, or the assignment of a grade that does not align with the grading scheme outlined in the syllabus.
3. The appeal must be initiated within six weeks of the start of the succeeding regular academic semester (fall or spring) from the end of the course that is being appealed.
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:
 - a. The student meets with the instructor to discuss the grade. If agreement cannot be made the course instructor should sign the grade appeal form for the student who will then submit the form to the division head.
 - b. The division head/program director and dean shall collect information related to the grade appeal and meet separately with the instructor and the student. If the division head/program director and dean are in agreement that the grade should be overturned for the reasons outlined above then they should change the grade and submit the form to have the grade changed immediately to the Registrar. If the division head/program director does not agree that the grade should be overturned then they should sign the form and give a copy to the student.
 - c. If the student wishes to pursue the appeal further, they should submit the form to the Provost with a request for a full grade appeal panel.

The first two of the above stages should occur within 20 school days (days must occur within a regular semester, fall or spring) of the initiation of the appeal.

If the instructor of the course is the division head or program director, the student may elect to initiate the formal appeal directly to the appropriate dean. In unusual cases in which the course is taught by the dean, the student may elect to submit the grade appeal to the Provost who will convene the Grade Appeal Panel.

Any request for a review by the Grade Appeal Panel should be made within 20 school days (within a regular semester) of the most recent appeal decision. 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 Academic Council.

7. The Grade Appeal Panel is to consist of three faculty members selected at random; however, faculty members from the division 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. The chair 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 division 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 division may be called to answer any questions related to the standard operating procedures of that division. 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.

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, unless they span over summer or Christmas break.
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.

Assessment

Assessment at SBU includes gathering information from students about student learning and student life, interpreting this information, and then using the information to improve instruction, student life,

and student learning. Students at SBU are required to participate in this assessment program. Students at SBU participate in the following assessment activities:

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

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

Enrichment Opportunities

Independent Study

In order to enrich the curriculum and challenge capable students to develop research abilities, each division 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 division head, and the college dean.
8. Students may enroll in an Independent Study course within the regular enrollment period at the beginning of the semester and only after the Independent Study Proposal has been approved.

International Studies Program

The International Studies program is built on the supposition that every full-time student should be presented with the opportunity to have an international education experience. This is in keeping with

Southwest Baptist University's mission statement of "preparing students to be servant leaders in a global society." The program provides opportunities for faculty and students to teach and study abroad and at home. The program welcomes international students to become an integral part of the Southwest Baptist University campus family. The University encourages all students to share in promoting cultural, educational, and social exchanges.

SBU offers students the opportunity to study overseas or at other locations within the United States. Overseas study is taken at universities in the host country. An explanation of the billing and payment process will be explained when the student meets with the Director of Global Education. This office is located in the Jim Mellers Center.

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

Consortium for Global Education

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

Council for Christian Colleges and Universities

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

Fulbright Scholar Program

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

Athletic Advising Information

NCAA Eligibility Requirements

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

Developmental Courses

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

Colleges and Academic Divisions

Geneva Casebolt College of Arts and Social Sciences – Dean, TBD

- Division of The Arts
 - Division Head: Alex T. Favazza Jr.
- Division of Behavioral Sciences
 - Division Head: Shelley Kilpatrick
- Division of Humanities
 - Division Head: Carla Kirchner
- Division of Natural Sciences
 - Division Head: John Murphy
- Courts Redford Division of Christian Ministry
 - Division Head: Ryan Griffith

College of Health Professions – Dean, Brittney Hendrickson

- Division of Pre-licensure Nursing
 - Division Head: Renay McCarley
- Division of Health Sciences and Post-licensure Nursing
 - Division Head: Cindy Todd
- Division of Physical Therapy
 - Division Head: Joshua Layman

Robert W. Plaster College of Business – Dean, Troy Bethards

- Division of Business
 - Division Head: Nate Wright

College of Professional Programs – Dean, Troy Bethards

- Division of Computing and Mathematics
 - Division Head: Amos Gichamba
- Division of Education
 - Division Head: Kevin Patterson
- Division of Kinesiology
 - Division Head: TJ John

Ed & Theo Clark University Success Center – Assistant Provost, Scotti A. Moats

- University Success Center
- Gordon and Judy Dutile Honors Program
- Interdisciplinary Studies
- University Libraries

Areas of Study

The academic enterprise of Southwest Baptist University is conducted within the framework of five colleges: Geneva Casebolt College of Arts and Social Sciences; College of Natural and Applied Sciences; College of Health Professions; Robert W. Plaster College of Business; and College of Professional Programs. The following majors, minors, associate degrees, and certificates are offered in the various disciplines of these colleges.

Major	Degree	Concentrations Available
Accounting	B.S.	n/a
Accounting & Information Assurance	B.S.	n/a
Agricultural Business	B.S.	n/a
Agriculture	A.A.S.	n/a
Art, General	B.S.	Two-Dimensional Studio, Three-Dimensional Studio
Art, Commercial	B.S.	Graphic Design, Digital Imaging
Art Education	B.S.	n/a
Biblical Studies	B.A.	n/a
Biochemistry	B.S.	n/a
Biology	B.A., B.S.	Biomedical Science, Environmental Biology / Field Biology, General Biology
Biology Education	B.S.	n/a
Business	A.S., A.A.S.	n/a
Business Administration	M.B.A., B.S.	Business Administration, Health Administration Core
Chemistry	B.A., B.S.	n/a
Chemistry Education	B.S.	n/a
Christian Ministry	B.A.	Pastoral Ministry, Children's Ministry, Discipleship Ministry, Youth Ministry, Cross-Cultural Ministry
Christian Ministry	B.S.	Children's Ministry, Discipleship Ministry, Youth Ministry
Christian Studies (<i>requires a second major not within the Division of Theology and Ministry</i>)	B.A., B.S.	n/a
Communication	B.A., B.S.	n/a
Computational Finance	B.S.	n/a
Computer Information Science	B.S.	n/a
Computer Science	B.S.	n/a
Computer Science Education*	B.S.	n/a
Criminal Justice	B.S.	n/a
Cybersecurity	B.S.	n/a
Cybersecurity Management	B.S.	n/a
Data Science	B.S.	n/a
Digital Marketing	B.S.	n/a
Economics/Finance	B.S.	n/a
Education	A.A., A.S., M.S.	n/a
Educational Administration	Ed.D., Ed.S., M.S.	n/a

Major	Degree	Concentrations Available
Elementary Education	B.A., B.S.	Not on degree audit but available within the department are concentrations in: Art, Early Childhood Education, Literacy, Middle School (one area), Physical Education, Spanish
Engineering Physics	B.S.	n/a
English	B.A.	n/a
English Education	B.S.	n/a
Exercise Science	B.S.	Rehabilitative Science, Strength & Conditioning/Personal Training
Forensic Chemistry	B.S.	n/a
General Studies	A.A., A.S.	n/a
Global Education	B.A., B.S.	Elementary Education, Middle School (one area)
Health Sciences	A.S., A.A.S., B.S.	n/a
History	B.A., B.S.	n/a
Intercultural Studies	B.A.	n/a
Interdisciplinary Studies	B.A., B.S.	n/a
International Business	B.S.	n/a
Journalism / Mass Communication	B.A., B.S.	n/a
Management	B.S.	n/a
Marketing	B.S.	n/a
Mathematics	B.A., B.S.	n/a
Mathematics Education	B.S.	n/a
Medical Technology	B.S.	n/a
Middle School Education	B.A., B.S.	Language Arts, Mathematics, Science, Social Science, Speech/Theatre (Suspended)
Ministry	A.A., A.S.	n/a
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.	n/a
Nursing	M.S.N., B.S.N., A.S.N.	n/a
Organizational and Strategic Communication	B.A., B.S.	n/a
Physical Education	B.A., B.S.	Certification K-12
Physical Therapy	D.P.T. (entry-level)	n/a
Physics (<i>requires a second major except for the 3/2 pre-engineering option</i>)	B.S.	n/a
Political Science	B.A., B.S.	n/a
Psychology	B.A., B.S.	Sports Performance Enhancement
Radiography	A.S.R.	n/a
Social Science Education	B.S.	n/a
Social Work	B.S.W.	n/a

Major	Degree	Concentrations Available
Software Engineering	B.S.	n/a
Spanish	B.A.	n/a
Spanish Education K-12	B.A.	n/a
Speech Communication and Theatre Education (Suspended)	B.S.	n/a
Sport Management	B.A., B.S.	Sport Administration, Fitness and Wellness Administration, Business
Theatre (Suspended)	B.A.	n/a
Teaching	A.A., A.S.	n/a
Web Systems and Design	B.S.	n/a
Writing	B.A.	n/a

Note: The Associate of Arts (A.A.) and the Associate of Science (A.S.) degrees in General Studies are assigned to the Ed & Theo Clark University Success Center.

Minors – Baccalaureate Level

Accounting, Agriculture, Art, Biblical Studies, Biblical Language, Biology, Business Administration, Chemistry, Children's Ministry, Christian Education, Communication, Computer Science, Computer Information Science, Counseling, Criminal Justice, Cybersecurity, Economics, English, Evangelism, Financial Services, Gerontology, Health Communication, History, Integration of Science and Christian Faith, Intercultural Studies, Interdisciplinary Studies, Management, Marketing, Mathematics, Military Science, Music (Church Music), Music (General), Music (Piano Pedagogy), Musical Theatre (Suspended), Physics, Political Science, Pastoral Ministry, Pre-Law, Psychology, Sociology, Social Work, Spanish, Speech Communication and Theatre (Suspended), Sport Management, Sports Communication, Statistics, Theatre (Suspended), Theology, Writing, Youth Ministry

Teaching Certificates

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

**Important Note:* Computer science certification in Missouri is obtained by having initial certification in another content area and then earning a passing score on the Missouri computer science content assessment.

Campus Approval

The following campuses are approved to offer the following degrees:

- Springfield Campus: A.S.N. in Nursing; B.S.N. in Nursing; M.S.N. in Nursing Education; B.S. in Health Sciences; A.S. in Health Sciences; A.A.S. in Health Sciences; A.S.R. in Radiography; and A.A.S. in EMT.

The following degrees can be completed at the Salem and Mountain View Campuses:

- A.S. Business
- A.S. in Health Sciences
- A.S. in Christian Ministry
- A.S. Business
- A.S. General Studies
- A.S. Health Science (Available at both Salem and MTV Campuses with coordination with Springfield Campus.)
- A.S. Teaching
- A.S.N. Nursing (Salem Campus Only)
- B.S. Criminal Justice

- B.S. Elementary Education
- B.S. Business Administration
- B.S. Health Science (Available at both the Salem and MTV Campuses with coordination with Springfield Campus)
- B.S. Psychology

Ed & Theo Clark University Success Center

Director: Scotti A. Moats

Office: Mabee Chapel

Faculty: Julie DuVall, Jordan Edwards, Shonna Fore, Kevin Marcum

<https://www.SBUniv.edu/academics/success-center.php>

Mission Statement

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

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

University Studies Courses

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

- UNI 1111 University Seminar or HON 1111 Honors University Seminar (1 hour)
- UNI 1121 Introduction to Critical Thinking or HON 1121 Honors Introduction to Critical Thinking (1 hour)

In addition to the two general education courses, the Success Center also delivers Cornerstone (UNI 0111) and Cornerstone Peer Leadership (UNI 211(0-1)). These courses are a part of the Cornerstone program described below.

Cornerstone

Cornerstone is designed to promote success in students who have demonstrated the need for additional support in their transition to SBU. Cornerstone encourages and cultivates academic and practical skills, connects students with academic assistance, and engages students in the SBU community. Cornerstone is delivered through a one-hour course (UNI 0111 – Cornerstone), which qualifying students take during both semesters of their first-year. The course is primarily facilitated by peer mentors who serve as role models and provide encouragement and guidance. Peer mentors are enrolled in a zero-credit course (UNI 211(0-1) Cornerstone Peer Leadership).

Academic Advising

The USC faculty serves as academic advisors to all first-year students, to all transfer students who have completed less than two full-time semesters at another institution, and to all students who are undecided on their major. 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 connects students to

peer mentors who can assist students in areas where they need additional support. Peer mentors are students who have attended SBU at least one year. Students and peer mentors meet regularly to study and discuss academic issues to help students be successful. The Run 2 Win Coordinator is located in the University Success Center.

Collaboration with Other Divisions

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 first-year students in making the transition to SBU and in developing a sense of belonging and identification with SBU.

Associate Degrees in General Studies

The Ed & Theo Clark University Success Center houses the A.A. and A.S. in General Studies degrees.

Associate of Arts in General Studies

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

- General Education Requirements (42 hours)
- Graduation Requirements – *includes a foreign language* (16-18 hours)
- Electives (4-6 hours)

Associate of Science in General Studies

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

- General Education Requirements (42 hours)
- Graduation Requirements (10 hours)
- Electives (12 hours)

Gordon & Judy Dutile Honors Program

Director: Jordan Edwards

Office: Mabee Chapel 103, (417) 328-1766

<https://www.SBUniv.edu/academics/honors-program.php>

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

Mission Statement

The mission of the Gordon & Judy Dutile Honors Program is to support and challenge high-achieving students by fostering fierce curiosity, intellectual humility, thriving community, and holistic growth and development.

Vision Statement

The Gordon & Judy Dutile Honors Program contributes to SBU's mission by developing Christian thinkers prepared to engage across all facets of society.

Honors Program Four Pillars

Building upon the mission statement, the following four pillars serve as the foundation for holistic growth and development.

1. Academic Excellence
 - Honors courses encourage curiosity and intellectual humility by providing an atmosphere that invites students to participate actively in their learning.
 - Many of the Honors courses celebrate the pursuit of knowledge as an end in itself, not merely as a means to a practical use.
 - Honors courses challenge students to wrestle with the best appropriate way to integrate Christian faith into their academic pursuits.
2. Cultural Exposure
 - A well-rounded individual ought to be exposed to many facets of culture.
 - The Honors program provides opportunities for this exposure through cultural experiences, both on campus and in the surrounding region.
3. Thriving Community
 - The Honors program is comprised of like-minded students who value academic excellence, providing a natural community of learners.
 - Outside the classroom, the program fosters community through organized social events, in addition to encouraging student-initiated gatherings.
4. Servant Leadership
 - Honors students are challenged to follow the example of Christ in practicing a lifestyle marked by servant leadership.
 - The gifts and talents of the individuals in the Honors Program should be used to benefit the entire community, both on campus and in the surrounding area.

Eligibility Requirements

SBU is currently test optional, so a minimum ACT/SAT score is not required. Students who have at least a high school GPA of 3.5 or higher are encouraged to apply to the program. Additionally, anyone eligible for Scholars Day is welcome to apply to the program. Students are selected through an evaluation of high school leadership, scholarship, and service, as well as through an on-campus interview and essay.

Honors Program Graduation Requirements (Traditional and Accelerated Tracks)

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

A growing number of students are entering university with a significant amount of college credit completed. In order to address the needs of these students, the Dutile Honors Program offers two tracks of honors curriculum.

Traditional Honors Track

First time freshmen entering the university with fewer than 30 hours credit completed will complete the Traditional Honors curriculum. This track requires completion of the Honors Core requirements as well as at least twelve additional hours from the Honors Electives.

Accelerated Honors Track

First time freshmen entering the university with 30 or more hours of credit completed will complete the Accelerated Honors curriculum, which includes the Honors Core requirements, as well as at least six additional hours from the Honors Electives.

Sample Honors Track (for either Honors track)

Students will complete the Honors core requirements in the typical sequence below:

- Freshman year: Honors University Seminar in the fall and Critical Thinking in the Spring.
- Sophomore/Junior year: Sometime during these two years, the two Honors specific courses (see below).
- Senior year: Honors Capstone

Throughout their time at SBU, Honors students will complete the required number of Honors electives for their track, which all count toward their general education requirements. These electives must be completed by graduation, but are not required in a particular order.

Honors Core Requirements

- HON 1111 Honors University Seminar* (1 hour)
- HON 1121 Honors Introduction to Critical Thinking* (1 hour)
- HON 1003 Honors Introduction to Fine Arts
- Two hours of Honors courses to be chosen from
 - HON 2661 Honors Reading Symposium (1 hour)
 - HON 2771 Honors Journal Club (1 hour)
 - HON 3771 Honors Colloquium (1 hour)
- HON 477(1-3) Seniors Honors Capstone Experience (1-3 hours)

Honors Electives

- HON 1013 Honors American Government* (3 hours)
- HON 1123 Honors Composition* (3 hours)
- HON 1213 Honors Old Testament History^ (3 hours)
- HON 1223 Honors New Testament History^ (3 hours)

- HON 2003 Honors LIFE Economics* (3 hours)
- HON 2013 Honors U.S. History I* (3 hours)
- HON 2213 Honors Fundamentals of Speech Communication* (3 hours)
- HON 2661 Honors Reading Symposium, *additional to Honors core requirements* (1 hour)
- HON 3771 Honors Colloquium, *additional to Honors core requirements* (1 hour)
- HON 3883 Honors Service Learning* (3 hours)

* Meets general education requirements

^ Meets graduation requirement

Interdisciplinary Studies Program

Coordinator: Scotti A. Moats

Office: University Success Center; (417) 328-1425

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 divisions 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 Academic 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 composite of 24, SAT composite of 1160, or a CLT score of 76 and have completed 32 college credit hours with a cumulative grade point average of 3.00, or
2. Have a minimum ACT composite of 21, SAT composite of 1060, or a CLT score of 68 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 division head 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 Academic Council and the dean of the college with the highest number of hours in the proposal will present the proposal to Academic Council. The Academic Council must approve all IDS majors.

Once the Academic 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 division 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 division.

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 division.

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.

University Libraries

Mission Statement

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

Vision Statement

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

Core Values

The University Libraries:

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

Contact Information

Harriet K. Hutchens Library

Bolivar Campus Library, 328-1620

<https://library.SBUniv.edu>

Library Facilities

The University Libraries have a centralized library administration, which integrates library support and services for the four University physical campuses. The Harriett K. Hutchens Library is located in the Jester Learning and Performance Center on the Bolivar campus. Electronic library resources and a concise physical collection are available on the Mountain View, Salem, and Springfield campuses.

Library Use

SBU identification cards serve as library cards and must be presented for checkout materials, including media resources and equipment. Professional librarians are available for research assistance. Additional information about library services and support, including student privileges and responsibilities, is included in the *SBU Student Handbook* and in the University Libraries Policy Manual. The Policy Manual is on the University Libraries' website.

Information Access

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

SBU is a member of MOBIUS, a consortium of libraries. 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 OCLC WorldShare. SBU is also a member of the Christian Library Consortium which has additional ILL options.

General Collection

The University Libraries collection includes print volumes, e-books, media titles, microforms, 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
- Faith Enrichment Collection – collection of materials to assist in the spiritual development of students and staff
- Butler Baptist History – a microfilm collection of older works on Baptist History
- SBU Collection – includes published, bound books by or about SBU faculty, alumni, staff, and trustees

Joyce Sells Heritage Center

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

University Archives

This collection of historical treasures related to the life and times of SBU and SWBC is housed in the Harriett K. Hutchens Library. Access to archival content is by appointment only.

Library Publications

- Research guides are available in each library to provide information about library hours, resources, services, and assistance.
- Website – the website contains course specific reference guides developed by the faculty to assist students in locating information relevant to a course.

General Education and Graduation Requirements

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

Mission Statement

The general education program at Southwest Baptist University is committed to fostering a Biblically-informed Christian worldview and providing students with foundational knowledge, experiences, and skills to promote personal, academic, and professional growth.

Vision Statement

The general education program at Southwest Baptist University 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 undergraduate degrees at Southwest Baptist University except the Associate of Applied Science (A.A.S.).

Communication Studies (9 hours)

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

Humanities/Cultural Studies (5 hours)

Choose one course from the Humanities area (3 hours):

- FAR 1003 Introduction to Fine Arts *or* HON 1003 Honors Fine Arts
- FAR/ART 1013 Introduction to Art (*required for art majors*)
- FAR 1023 Introduction to Music
- FAR/THR 1033 Introduction to Theatre
- *MUS 1633 Survey of Music Literature (*required for music majors*)

Choose one course from the Cultural Studies area (2 hours)

- ENG 2413 Survey of World Literature
- HUM 2953 Special Topics: Intro to Philosophy
- HUM/HON 3883 Honors Service Learning
- ICS 2901 Same-Culture Service Project (*must be 2 different projects*)
- ICS 2902 Same-Culture Service Project (*1 culture and extended time*)
- ICS 2911 Cross-Cultural Service Project (*must involve 2 different cultures*)
- ICS 2912 Cross-Cultural Service Project (*1 culture and extended time*)
- SOC 2012 Human Diversity
- *SWK 3034 Social Work with Diverse Populations
- *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 Present
- *MUS 2602 Survey of World Music
- *NRS/NUR/HSC 4013 Health Care in Culturally Diverse Populations

+ Courses transcribed as: FAR 1953 counts toward humanities, LIT 1953 counts toward cultural studies, or HUM 1953 counts toward cultural studies.

Social Studies (12 hours)

- ECO 2003 LIFE Economics *or* *ECO 2043/HON 2003 Honors LIFE Economics *or* *ECO 2023 Principles of Microeconomics *or* *ECO 2033 Principles of Macroeconomics (3 hours)
- POL 1113 American Government *or* POL/HON 1013 Honors American Government (3 hours)
- HIS 2213 History of the United States, 1492-1865 *or* HIS 2223 History of the United States, 1865-Present *or* HIS/HON 2013 Honors U.S. History I (3 hours)
- PSY 1013 General Psychology *or* SOC 1003 Introductory Sociology *or* *EDU 2113 Educational Psychology (3 hours)

Technical Studies (14 hours)

Life Science (4 hours):

- BIO 1003 Principles of Biology
- BIO 1001 Principles of Biology Lab

Computer Literacy – choose one option (3 hours):

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

Mathematics – choose one option (3 hours):

- MAT 1143 College Algebra (if transferred in)
- MAT 1243 Algebraic Reasoning & Modeling
- MAT 1163 Pre-Calculus
- BUS/MAT 1193 Business Calculus
- MAT 1195 Calculus I
- *† BEH 2243 Statistics

Physical Science – choose one option (4 hours):

- AGR 1114 Introduction to Soil Science
- PHS 1003 Introduction to Physical Science and PHS 1001 Introduction to Physical Science Lab
- PHS 1113 Introduction to Earth Science and PHS 1111 Introduction to Earth Science Lab
- *CHE 1003 Chemistry for Allied Health and CHE 1001 Chemistry for Allied Health Lab
- *CHE 1103 Principles of Chemistry and CHE 1101 Principles of Chemistry Lab
- *CHE 1114 General Chemistry I and CHE 1111 General Chemistry I Lab
- *PHS 2005 Physical Science for Elementary and Middle School Teachers
- *PHS 2313 Astronomy and PHS 2311 Astronomy Lab
- *PHY 1114 General Physics I and PHY 1111 General Physics I Lab
- *PHY 2214 University Physics I and PHY 2211 University Physics I Lab

University Studies (2 hours)

- UNI/HON 1111 University Seminar (1 hour)
- UNI/HON 1121 Introduction to Critical Thinking (1 hour)

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

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

† Students with an ACT math score of 26+ or a CLT Quantitative Reasoning sub score of 21+ may elect to take the indicated course (or MAT 1243) to satisfy the 42-hour general education block.

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

Graduation Requirements

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

- BIB 1013 Old Testament History *or* BIB/HON 1213 Honors Old Testament History (3 hours)
- BIB 1023 New Testament History *or* BIB/HON 1223 Honors New Testament History (3 hours)
- SPF 2012 Introduction to Spiritual Formation *or* SPF 2022 Introduction to Spirituality *or* SPF 2032 Spiritual Formation for Ministry (*B.S.N. & B.S.H.S. degrees require HSC/NRS/NUR 3453 and the Division of Education degrees require EDU 4593*) (2 hours)
- KIN 1162 Foundations of Physical Fitness/Wellness (*not required for A.S.N.*) *or* *KIN 1163 Foundations of Physical Fitness/Wellness for Professionals (2-3 hours)
- Foreign Language – 2 courses in same language; required for A.A. and B.A. degrees (6-8 hours)

* Approved alternatives for listed areas

Total: 10-19 hours

Associate of Applied Science – A.A.S. (21 Hours)

General Education Course Requirements

Communication Studies (9 hours)

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

Humanities/Cultural Studies (3 hours)

- FAR 1003 Introduction to Fine Arts
- FAR/ART 1013 Introduction to Art
- FAR 1023 Introduction to Music
- FAR/THR 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

Social Studies (6-9 hours)

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

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

- AGR 1114 Introduction to Soil Science
- BIO 1003 Principles of Biology
- BIO 1001 Principles of Biology Lab
- CIS 1103 Computer & Information Management (*not required for A.A.S.*)
- MAT 1243 Algebraic Reasoning and Modeling
- MAT 1163 Pre-Calculus
- BUS/MAT 1193 Business Calculus
- PHS 1003 Introduction to Physical Science
- PHS 1001 Introduction to Physical Science Lab
- PHS 1113 Introduction to Earth Science
- PHS 1111 Introduction to Earth Science Lab
- CHE 1003 Chemistry for Allied Health
- CHE 1001 Chemistry for Allied Health Lab
- CHE 1114 General Chemistry I
- CHE 1111 General Chemistry I Lab
- PHS 2005 Physical Science for Elementary and Middle School Teachers
- PHS 2313 Astronomy
- PHS 2311 Astronomy Lab
- PHY 1114 General Physics I
- PHY 1111 General Physics I Lab

- PHY 2214 University Physics I
- PHY 2211 University Physics I Lab

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 *or* BIB/HON 1213 Honors Old Testament History (3 hours)
- BIB 1023 New Testament History *or* BIB/HON 1223 Honors New Testament History (3 hours)
- SPF 2012 Introduction to Spiritual Formation *or* SPF 2022 Introduction to Spirituality *or* SPF 2032 Spiritual Formation for Ministry (*A.S.N./B.S.N. degrees require NRS/NUR 2453*) (2 hours)
- KIN 1162 Foundations of Physical Fitness/Wellness (*not required for A.S.N.*) *or* *KIN 1163 Foundations of Physical Fitness/Wellness for Professionals (2-3 hours)
- Foreign Language – 2 courses in same language; required for A.A. and B.A. degrees (6-8 hours)

* Approved alternatives for listed areas

Total: 10-19 hours

Geneva Casebolt College of Arts and Social Sciences

Bill DuVall, Dean Office: Jester 222;
(417) 328-1682

Divisions Within the College

- The Arts
- Behavioral Sciences
- Humanities
- Christian Ministry

Mission Statement

The Geneva Casebolt College of Arts and Social Sciences (CASS) is comprised of diverse disciplines focused on the appreciation, discovery, and understanding of the traditional liberal arts and social sciences as they intersect and enhance our human experiences within the context of our Biblical worldview and Baptist heritage.

Vision Statement

The vision for CASS is to equip and prepare students for people-oriented and service-minded careers and vocations with the encouragement to embody Christ-like character in such vocations. This endeavor will be highlighted by the following:

- Providing theoretical and practical experiences necessary for each field of study;
- Challenging students to strive for academic excellence;
- Integrating the Christian faith into each academic discipline and co-curricular experience;
- Encouraging positive and healthy mental, physical, social, and spiritual well-being; and
- Fostering critical thinking, discernment, communication, and creativity in students so they may make positive contributions to society and advance the kingdom of God.

Division of The Arts

Division Head: Alex T. Favazza Jr.

Office: Casebolt Music Building; (417) 328-1643

Area of Art

Faculty: Chadd Caldwell, Grant Cochran

Faculty Associates: David Bigelow, Steven Brown, Morgan Gallatin, Kim Kahn

Mission Statement

The Area of Art facilitates and promotes excellence in the visual and creative process from an intentionally Evangelical perspective.

Vision Statement

The Area 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;
- Introduce key theological and philosophical concepts that relate to the theory and practice of the visual artist;
- Encourage understanding and interpretation of art within its social, historical, and theological contexts;
- Prepare individuals to perform successfully in a highly competitive art industry;
- Send Art Educators, Commercial Artists, and Studio 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.

Art Curriculum – General Aspects

The art student can pursue one of three degrees or a specified art minor offered by the area. 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 area. The Art Core is designed to give students significant exposure to a wide variety of art mediums, and a solid visual arts 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. Due to the nature of art coursework, 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. It is imperative that each student plans this additional time into his or her schedule. 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 best artwork for presentation in comprehensive solo exhibition. Artwork must be approved by the area during the student's senior year. The Area of Art reserves the right to retain examples of work from all studio courses for the permanent collection of Southwest Baptist University, and to use reproductions of student artwork for purposes of publication and advertising, etc.

Living during the most visual culture in world history, today's studio and commercial artists have a tremendous responsibility. Serious study of the visual arts provides a basis and avenue for effective corporate and personal expression. Visual art is a contextual language, both a by-product and a catalyst of culture. Well-trained, highly skilled artists have a unique opportunity to effectively engage the visual language in order to care for culture, promote healing in society, and to reflect the creative nature of the Triune God of the Bible.

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 area. This degree is designed for the individual who senses a call to the vocation and ministry of the studio artist.

This degree is also intended for the student planning to pursue a graduate degree in the studio arts, such as the Master of Fine Arts (M.F.A.). The M.F.A. is the terminal degree in studio art generally required to teach studio arts at the college level. Students hoping to pursue M.F.A. studies are strongly encouraged to add at least one optional 18-hour specified Studio Concentration to the 46-hour Art Core.

- General Education Courses (42 hours)
 - ART/FAR 1013 Introduction to Art – *required for General Art major and also counts for general education requirements*
- Graduation Requirements (10 hours)
- Art Core Courses (46 hours)
 - ART 1103 Design (3 hours)
 - ART 1203 Drawing I (3 hours)
 - ART 2003 Photography I (3 hours)
 - ART 2013 Ceramics I (3 hours)
 - ART 2023 Sculpture I (3 hours)
 - ART 2033 Painting I (3 hours)
 - ART 2203 Drawing II (3 hours)

- ART 2703 Introduction to Graphic Design (3 hours)
- ART 2803 Art History I (3 hours)
- ART 2813 Art History II (3 hours)
- ART 3033 Painting II (3 hours)
- ART 3103 Printmaking (3 hours)
- ART 3813 Fibers *or* ART 3003 Life Drawing (3 hours)
- ART Studio Electives – *best if upper-level* (6 hours)
- ART 4001 Senior Seminar – *capstone/senior show* (1 hour)
- Art Electives, General Electives, Second Major, Minor, or Studio Concentration (30 hours)

Optional Studio Concentrations

Two-Dimensional Studio Concentration – *choose 18 hours from the following list* (18 hours)

- 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)

Three-Dimensional Studio Concentration – *choose 18 hours from the following list* (18 hours)

- 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 Sculpture 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 visual publication, whether it be in print or digital format, 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 Area of Art) for the practicum

and internship. Suggestions for workplaces may be obtained from the area.

- General Education Courses (42 hours)
 - ART/FAR 1013 Introduction to Art – *required for Commercial Art major and also counts for general education requirement*
- Graduation Requirements (10 hours)
- Art Core Courses (46 hours)
 - ART 1103 Design (3 hours)
 - ART 1203 Drawing I (3 hours)
 - ART 2003 Photography I (3 hours)
 - ART 2013 Ceramics I (3 hours)
 - ART 2023 Sculpture I (3 hours)
 - ART 2033 Painting I (3 hours)
 - ART 2203 Drawing II (3 hours)
 - ART 2703 Introduction to Graphic Design (3 hours)
 - ART 2803 Art History I (3 hours)
 - ART 2813 Art History II (3 hours)
 - ART 3033 Painting II (3 hours)
 - ART 3103 Printmaking (3 hours)
 - ART 3813 Fibers or ART 3003 Life Drawing (3 hours)
 - ART Studio Electives – *best if upper-level* (6 hours)
 - ART 4001 Senior Seminar – *capstone/senior show* (1 hour)
- Commercial Art Core – *required* (12 hours)
 - ART 3043 Graphic Design Production (3 hours)
 - ART 3703 Graphic Design Concepts (3 hours)
 - ART 3713 Graphic Design Portfolio I (3 hours)
 - ART 3723 Digital Imaging Concepts (3 hours)
- Commercial Art Concentration – *choose one or both; one concentration required*
 - Graphic Design Concentration (12 hours)
 - ART 4003 Computer Application/Commercial Art (3 hours)
 - ART 4703 Graphic Design Senior Project (3 hours)
 - ART 4713 Graphic Design Portfolio II (3 hours)
 - ART 4963 Practicum, related to graphic design or ART 4983 Internship, related to graphic design (3 hours)
 - Digital Imaging Concentration (12 hours)
 - ART 3323 Photography II (3 hours)
 - ART 4303 Photography Senior Project (3 hours)
 - ART 4313 Photography Portfolio (3 hours)
 - ART 4963 Practicum, related to digital imaging or ART 4983 Internship, related to digital imaging (3 hours)
- General Electives (6 hours)

Total hours with one required concentration: 128 hours

Total hours with two concentrations and no general electives: 134 hours

Art Education Major – B.S. Degree (Certification K-12)

This degree leads to art certification for public school teaching in grades K-12. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in art coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Area of Art and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Division of Education – Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

- General Education Courses (42 hours)
 - ART/FAR 1013 Introduction to Art – *required for Commercial Art major and also counts for general education requirement*
- Graduation Requirements (10 hours)
- Art Core Courses (46 hours)
 - ART 1103 Design (3 hours)
 - ART 1203 Drawing I (3 hours)
 - ART 2003 Photography I (3 hours)
 - ART 2013 Ceramics I (3 hours)
 - ART 2023 Sculpture I (3 hours)
 - ART 2033 Painting I (3 hours)
 - ART 2203 Drawing II (3 hours)
 - ART 2703 Introduction to Graphic Design (3 hours)
 - ART 2803 Art History I (3 hours)
 - ART 2813 Art History II (3 hours)
 - ART 3033 Painting II (3 hours)
 - ART 3103 Printmaking (3 hours)
 - ART 3813 Fibers (3 hours)
 - ART Electives – *best if upper-level* (6 hours)
 - ART 4001 Senior Seminar – *capstone/senior show* (1 hour)
- Professional Education Coursework (44 hours)
 - See B.S. Degree Certification in Content Areas, Grades 9-12, K-12

Total hours: 139 hours

General Art Minor (18 hours)

- ART/FAR 1013 Introduction to Art (also counts for general education) *or* ART 2803 Art History I (3 hours)
- ART 1103 Design (3 hours)
- ART 1203 Drawing I (3 hours)
- One Studio Track – *selected from the following* (9 hours)
 - Drawing Track
 - ART 2203 Drawing II (3 hours)
 - ART 3003 Life Drawing (3 hours)
 - ART 3203 Advanced Drawing Studio I *or* ART 3103 Printmaking (3 hours)
 - Photography Track
 - ART 2003 Photography I (3 hours)
 - ART 3323 Photography II (3 hours)
 - ART 3723 Digital Imaging Concepts *or* ART 3103 Printmaking (3 hours)
 - Ceramics Track
 - ART 2013 Ceramics I (3 hours)
 - ART 3013 Ceramics II (3 hours)
 - ART 3403 Advanced Ceramic Studio I *or* ART 3813 Fibers (3 hours)
 - Sculpture Track
 - ART 2023 Sculpture I (3 hours)
 - ART 3023 Sculpture II (3 hours)
 - ART 3503 Advanced Sculpture Studio I *or* ART 3813 Fibers (3 hours)
 - Painting Track
 - ART 2033 Painting I (3 hours)
 - ART 3033 Painting II (3 hours)
 - ART 3603 Advanced Painting Studio I *or* ART 3813 Fibers *or* ART 3103

Printmaking (3 hours)

- Graphic Design Track
 - ART 2703 Introduction to Graphic Design (3 hours)
 - ART 3043 Graphic Design Production (3 hours)
 - ART 3703 Graphic Design Concepts *or* ART 3103 Printmaking (3 hours)

Area of Music

Accredited institutional member of the National Association of Schools of Music

Faculty: Alex Favazza, Sarah Howes, Melinda Smashey Jones, Terri Wehmeyer, John Wilson

Faculty Associates: Marc Baker, Esther Clifton, Michelle Draper, Hannah Fong, Crystal Grosvenor, Carol Harrison, Eric Jackson, Andy Johnston, Melissa Roberts, Bret Stanford, John Trew, Jeff Waters, Renee Waters, Tim Wootton

General Requirements

In addition to admission to the University, an applicant for a music degree program must be admitted to the Area of Music by the recommendations of the music faculty. All new students (freshmen and transfer students) pursuing a music degree are first admitted to the area as *pre-music*, *pre-music education*, or *pre-church music* majors. Upon a successful evaluation by the music faculty, normally at the conclusion of the student's second semester at SBU, these students may be formally admitted into a music degree program. In all divisional policies and procedures, the term "music major" is intended to include these pre-majors. Students must have completed, or be concurrently enrolled in MUS 2613 Theory III and MUS 2611 Sightsinging and Eartraining III in order to enroll in any upper-level music course except ensembles and applied music. Music courses taken prior to this formal admission are applicable to the completion of the music degree. All references to music majors in this catalog are applicable to pre-music, pre-music education, and pre-church music majors as well.

As an exit examination, music majors are required to take the Major Field Test in music at the scheduled time during their last two semesters of study.

Applied Music Placement Tests

All entering freshmen and transfer students must take a classification test in piano and in their primary applied area. The student is expected to present prepared music on his/her primary instrument or voice.

Theory Placement Tests

All entering pre-music, pre-music education, and pre-church music majors who are not transferring theory or sightsinging/eartraining course credits must take a music fundamentals examination in order to determine placement into the music theory sequence and/or to satisfy MUS 1601 Music Fundamentals Lab as a co-requisite course for MUS 1613 Theory I. All theory and sightsinging/eartraining courses taken at another school and transferred in for degree requirements must be tested at SBU for proficiency and/or placement. If all freshman and sophomore theory and sightsinging/eartraining courses have been completed at another school, a placement test is still required to determine readiness to continue in upper-level theory courses. No more than one theory course may be taken by OLIS, and only if taken as a repeated course.

Applied Music

The Area of Music offers three types of lessons: private applied music, secondary class and basic class. Private applied music is for all music majors and minors as well as intermediate to advanced non-majors. Secondary class is the required second applied area of performance, and is automatically piano if the primary applied area is not piano. Basic class is for non-music majors or minors with less than three years of previous study. Specific requirements in applied music are listed in the *Music Handbook*. Applied music lessons are available in voice, piano, organ and all wind, percussion, and string instruments. Private applied music may be taken for one credit (thirteen 30-minute lessons) or two credits (thirteen 60-minute lessons). Applied music may be taken for zero credit if it is not a degree requirement. Five

hours of practice per week is required per credit hour of enrollment. Majors and minors (except general music minors) must perform once per semester in a student recital on their primary applied instrument. In addition to weekly lessons, music majors are required to participate in a minimum of three studio classes each semester.

Jury Examination

The final examination for private applied music courses will be conducted before a jury of faculty members which includes the student's instructor. Students will be responsible for all materials covered during the semester as well as fundamental techniques and knowledge pertinent to their performing medium. The faculty jury will evaluate student performance according to proficiency levels as described in the *Music Handbook*. The *Handbook* also describes the expected rate of progression through the various levels required by each degree program. For non-music majors or music majors studying in an area outside of their primary and secondary applied areas, a jury examination is required only for scholarship recipients.

Secondary Requirement

The study in the secondary applied area is intended to establish functional skill on a practical level. Whenever possible a class approach is employed which allows the student two hours per week in directed study. Students with strong background in the secondary applied area may request private study. See *Music Handbook* for specific requirements.

Piano Proficiency Examinations

All music majors and minors (except general music minors) must pass a piano proficiency examination demonstrating functional piano skill. Scales, vocalises, sightreading, harmonization of given melodies, transposition, and repertoire are included in the exam. Students must continue to enroll in Secondary Class Piano each semester until this requirement is met. The tests are given at the end of each semester and are normally taken at the end of the sophomore year. Any student who passes the Piano Proficiency Examination prior to the completion of four semesters of piano study must continue enrollment in piano or organ until the completion of 4 credits.

Piano proficiency examinations for keyboard majors will be held during juries at the end of each semester. See the *Music Handbook* for specific requirements.

Recital Requirements

The following are minimum recital requirements:

- *B.M. and B.S. Degrees*: 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

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 divisional recitals and concerts, and community and professional music programs as approved by the Division Head. These programs are listed in the Area 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 or instrumental ensemble as their major ensemble, based on experience and preference, or based upon specific certification requirements for students pursuing the music education degree. The student must perform in the ensemble to which he/she is assigned. Major ensembles: University Singers, SBU Chorale, Wind Symphony, University Band, and Chamber Orchestra.

Music Handbook

Details on all Area of Music requirements are found in the *Music Handbook*. Music majors and minors are responsible for all information in this handbook, which may be obtained via link to the area's team site on the SBU portal.

Music Core Courses (27 hours)

The following courses represent the core curriculum for all music degrees.

- Music Theory Courses (16 hours)
 - MUS 1611 Sightseeing/Eartraining I
 - MUS 1613 Theory I
 - MUS 1621 Sightseeing/Eartraining II
 - MUS 1623 Theory II
 - MUS 2611 Sightseeing/Eartraining III
 - MUS 2613 Theory III
 - MUS 2621 Sightseeing/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 the following list (4 hours)
 - MUS 2771 Vocal Diction I – *required for primary applied vocal students*
 - MUS 2781 Vocal Diction II – *required for primary applied vocal students*
 - MUS 2802 Piano Pedagogy
 - MUS 3602 Analysis of Music Structure

- MUS 3622 Orchestration
- MUS 3712 Choral Conducting
- MUS 3722 Instrumental Conducting
- MUS 3812 Vocal Pedagogy
- MUS 4622 Choral Arranging and Composition
- Major Ensemble – 8 semesters (8 hours)
- Senior Recital
- Minor, Second Major or Electives – *at least 13 hours of non-music courses, including 3 hours in an art form other than music* (30 hours)

General Music Major – B.A. Degree

This degree is designed for the student who wishes to pursue an avocational interest in music. No more than 40 hours of music may be counted toward the 128 hours required for graduation.

- General Education Courses (39 hours)
- Graduation Requirements (16-18 hours)
- Music Core Courses (27 hours)
- Applied Music – *including piano proficiency and Level III in any area* (7 hours)
- Major Ensemble (6 semesters)
- Minor, Second Major or Electives (32 hours)

Music Education Major – B.M. Degree

This degree leads to instrumental or vocal certification for public school teaching in grades K-12. In pursuing a Music Education degree, one must have either instrumental certification or vocal certification. To teach an additional field the student may add the instrumental endorsement to the vocal certification, or the vocal endorsement to the instrumental certification. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in Music coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Area of Music and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Division of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

- General Education Courses (36 hours)
- Graduation Requirements (10 hours)
- Music Core Courses (27 hours)
- Required Music Courses (13-14 hours)
 - Primary Applied Area – *Level IV; voice, instrument or keyboard* (12 hours)
 - Secondary Applied Area (4 hours)
 - Piano with Piano Proficiency for students with voice or instrument as primary applied area
 - Voice or Instrument with Level III for students with piano as primary applied area
 - MUS 1701 Introduction to Music Education (1 hour)
 - MUS 1151 Basic Class Guitar – *or Guitar Proficiency Exam* (1 hour)
 - Senior Recital
- Professional Education Coursework (46-48 hours)
 - See B.S. Degree Certification in Content Areas, Grades 9-12, K-12

Instrumental Certification Requirements (26 hours)

- MUS 2721 String Fundamentals (1 hour)
- MUS 2731 Woodwind Methods (1 hour)
- MUS 2741 Brass Methods (1 hour)
- MUS 2751 Percussion Methods (1 hour)
- MUS 3622 Orchestration (2 hours)
- MUS 3722 Instrumental Conducting (2 hours)
- MUS 4732 Marching and Jazz Band Techniques (2 hours)
- MUS 4742 Repertoire for Secondary Instrumental Music (2 hours)
- EDU 3813 Elementary Music Education (3 hours)
- EDU 4582 Methods of Teaching Instrumental Music in Middle/Secondary Schools (2 hours)
- Applied Voice, University Singers or SBU Chorale (2 hours)
- Wind Symphony, University Band or Chamber Orchestra (7 hours)

Vocal Certification Requirements (25-27 hours)

- MUS 2771 Vocal Diction I (1 hour)
- MUS 2781 Vocal Diction II (1 hour)
- MUS 3712 Choral Conducting (2 hours)
- MUS 2711 Instrumental Fundamentals – *not required with instrumental endorsement* (1 hour)
- MUS 2721 String Fundamentals (1 hour)
- MUS 4622 Choral Arranging and Composition (2 hours)
- MUS 4712 Choral Techniques (2 hours)
- MUS 4722 Repertoire for Secondary Choral Music (2 hours)
- EDU 3813 Elementary Music Education (3 hours)
- EDU 4573 Methods of Teaching Vocal Music in the Middle/Secondary Schools (3 hours)
- University Singers or SBU Chorale – 7 semesters (7 hours)
- *If piano is the primary 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 Middle/Secondary Schools (2 hours)
- Applied Instrument, Level III (4 hours)
- Wind Symphony, University Band or Chamber Orchestra (2 hours)

Vocal Endorsement (19 hours)

May be added to the Instrumental Certificate

- MUS 2771 Vocal Diction I (1 hour)

- MUS 2781 Vocal Diction II (1 hour)
- MUS 3712 Choral Conducting (2 hours)
- MUS 4622 Choral Arranging and Composition (2 hours)
- MUS 4712 Choral Techniques (2 hours)
- MUS 4722 Repertoire for Secondary Choral Music (2 hours)
- EDU 4573 Methods of Teaching Vocal Music in the Middle/Secondary Schools (3 hours)
- Applied Voice, Level III – *including Applied Voice taken for Instrumental Certification* (4 hours)
- University Singers or SBU Chorale – *including choir taken for Instrumental Certification* (2 hours)

Church Music Major – B.M. Degree

This degree prepares students to serve in the ministry through music in churches and related areas.

- General Education Courses (39 hours)
- Graduation Requirements (10 hours)
- Music Core Courses (27 hours)
- Ministry Electives (7 hours)
 - From: Bible, Christian Education, Christian Ministries, Intercultural Studies, Psychology, Theatre, Theology, or MUS 3923 Recording Techniques
- General Music Courses (12 hours)
 - Methods Courses (6 hours)
 - Vocal Primary Applied:
 - MUS 2771 Vocal Diction I
 - MUS 2781 Vocal Diction II
 - MUS 3712 Choral Conducting
 - MUS 3812 Vocal Pedagogy
 - Keyboard Primary Applied:
 - MUS 2802 Piano Pedagogy
 - MUS 3672 Organ Literature and Design
 - MUS 3712 Choral Conducting
 - Instrumental Primary Applied:
 - MUS 2721 String Fundamentals
 - MUS 2731 Woodwind Methods
 - MUS 2741 Brass Methods
 - MUS 2751 Percussion Methods
 - MUS 3722 Instrumental Conducting
 - Theory Electives – *select from the following list* (4 hours)
 - MUS 3602 Analysis of Music Structure
 - MUS 3622 Orchestration
 - MUS 4622 Choral Arranging and Composition
 - Instrumental/Vocal Electives – *select from the following list* (2 hours)
 - Vocal and Keyboard Primary Applied:
 - MUS 2711 Instrumental Fundamentals
 - MUS 2721 String Fundamentals
 - MUS 3722 Instrumental Conducting
 - Instrumental Primary Applied:

- Major Choral Ensemble (2 semesters)
- Applied Voice (2 semesters)
- Church Music Courses (16 hours)
 - MUS 1171 Introduction to Church Music Ministry and Worship Leadership (1 hour)
 - MUS 3732 Church Music Literature and Materials (2 hours)
 - MUS 3742 Church Music Education (2 hours)
 - MUS 3752 Instrumental Ministry in the Church (2 hours)
 - MUS 3783 Worship and Song in the Church (3 hours)
 - MUS 4101 Church Music Technology (1 hour)
 - MUS 4743 Church Music Administration (3 hours)
 - MUS 4752 Supervised Field Experience in Church Music (2 hours)
- Performance Requirements (26-27 hours)
 - Primary Applied Area, Level IV (12 hours)
 - Secondary Applied Area (6 hours)
 - Vocal Primary Applied: piano (4 hours) and piano, organ or instrument (2 hours)
 - Piano Primary Applied: organ (4 hours) and organ, voice or instrument (2 hours)
 - Organ Primary Applied: piano (4 hours); piano, voice or instrument (2 hours)
 - Instrumental Primary Applied: piano (4 hours); 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 39 hours of upper-level credit required for graduation.

- General Education Courses (39 hours)
- Graduation Requirements (10 hours)
- Music Core Courses (27 hours)
- Required Music Courses (36 hours)
 - Primary Applied Area – *eight semesters, Level IV* (8 hours)
 - Secondary Applied Area (4 hours)
 - Major Ensemble – *8 semesters* (8 hours)
 - MUS 3853 Music Industry I (3 hours)
 - MUS 3863 Music Industry II (3 hours)
 - MUS 3923 Recording Techniques (3 hours)
 - MUS 4983 Internship (3 hours)
 - Senior Recital
 - Music Electives – *select from the following list* (4 hours)
 - MUS 2771 Vocal Diction I – *required for primary applied vocal students*
 - MUS 2781 Vocal Diction II – *required for primary applied vocal students*
 - MUS 2802 Piano Pedagogy
 - MUS 3602 Analysis of Music Structure
 - MUS 3622 Orchestration

- MUS 3712 Choral Conducting
- MUS 3722 Instrumental Conducting
- MUS 3812 Vocal Pedagogy
- MUS 4622 Choral Arranging and Composition
- Elective Studies in an Outside Field (minimum 18 hours)
 - Students must complete any non-music minor as specified in the *SBU Catalog*.

Performer's Certificate

This certificate is designed for the student majoring in music who demonstrates potential as a superior performer. It should be considered as preparation for graduate study or a performing career. Attainment of the certificate will be noted on the student's transcript. Requirements are:

1. Admission by written application, reaching of Level IV and approval of appropriate applied faculty at the end of the sophomore year or upon completion of 8 credit hours of applied concentration.
2. 14 hours in the primary applied area (including hours required for degree).
3. Half recital at Level V, full recital at Level VI.

Piano Pedagogy Certificate

This certificate is designed for the student majoring in music and provides specific preparation in private piano teaching. Attainment of the certificate will be noted on the student's transcript. Requirements are:

1. Admission by written application, reaching of Level III and approval of piano faculty.
2. 12 hours in piano (including hours required for degree).
3. Half recital at Level V.
4. MUS 2802 Piano Pedagogy
5. MUS 3802 Piano Literature
6. MUS 4701 Supervised Teaching in Piano

Church Music Minor (29 hours)

- MUS 1151 Basic Class Guitar *or* Guitar Proficiency Exam (1 hour)
- MUS 1611 Sight-singing/Eartraining I (1 hour)
- MUS 1613 Theory I (3 hours)
- MUS 1621 Sight-singing/Eartraining II (1 hour)
- MUS 1623 Theory II (3 hours)
- MUS 2702 Basic Conducting (2 hours)
- Primary Applied Area, Level III (5 hours)
- Secondary Applied Area (3 hours)
 - Secondary proficiency – *all students take piano proficiency as either primary applied or secondary*
- Major Ensemble – 4 semesters (4 hours)
- MUS 4101 Church Music Technology (1 hour)
- MUS 4743 Church Music Administration (3 hours)
- Church Music Electives – *select from the following list* (2 hours)
 - MUS 3732 Church Music Literature and Materials
 - MUS 3742 Church Music Education
 - MUS 3752 Instrumental Ministry in the Church
 - MUS 3783 Worship and Song in the Church

Piano Pedagogy Minor (27 hours)

- MUS 1611 Sightsinging/Eartraining I (1 hour)
- MUS 1613 Theory I (3 hours)
- MUS 1621 Sightsinging/Eartraining II (1 hour)
- MUS 1623 Theory II (3 hours)
- MUS 1633 Survey of Music Literature (3 hours)
- MUS 2802 Piano Pedagogy (2 hours)
- MUS 3802 Piano Literature (2 hours)
- Applied Piano, Level IV (7 hours)
- Piano Proficiency
- Major Ensemble – 4 *semesters* (4 hours)
- MUS 4701 Supervised Teaching (1 hour)
- Half Recital

General Music Minor (21 hours)

- MUS 1611 Sightsinging/Eartraining I (1 hour)
- MUS 1613 Theory I (3 hours)
- MUS 1621 Sightsinging/Eartraining II (1 hour)
- MUS 1623 Theory II (3 hours)
- MUS 1633 Survey of Music Literature (3 hours)
- Applied Music (4 hours)
- Major Ensemble – 4 *semesters* (4 hours)
- Music Electives (2 hours)
- MUS 0100 Recital Attendance – 2 *semesters*

Musical Theatre Minor (Vocal Music Majors) (20 hrs) (Admissions Suspended)

(Instrumental Music Majors will need to complete 4 semesters of applied voice in addition to the below curriculum)

- THR 1023 Acting I (3 hours)
- THR 1053 Stagecraft (3 hours)
- THR 4043 Acting III (3 hours)
- THR 2013 Script Analysis (3 hours)
- THR 2031 Makeup (1 hour)
- THR 3013 Stage Management or THR 4013 Theatre Management (3 hours)
- MUS 3842 History of Musical Theatre (2 hours)
- THR (1-4)001 Theatre Performance Workshop (Musical) (1 hour)
- MUS (1-4)041 Opera Theatre (1 hour)

Musical Theatre Minor (Theatre Majors) (20 hours) (Admissions Suspended)

- MUS 1601 Music Fundamentals Lab (1 hour)
- MUS 1611 Sightsinging/Eartraining I (1 hour)
- MUS 1613 Music Theory I (3 hours)
- MUS 2631 Sightsinging for the Stage (1 hour)
- THR 4043 Acting III (3 hours)
- THR 3013 Stage Management or THR 4013 Theatre Management (3 hours)

- MUS 3842 History of Musical Theatre (2 hours)
- MUS (1-4)331 Applied Voice (4 hours)
- THR (1-4) 001 Theatre Performance Workshop (Musical) (1 hour)
- MUS (1-4)041 Opera Workshop (1 hour)

Area of Theatre

Faculty:

Theatre Major – B.A. Degree (Admissions Suspended)

Admission to the Theatre program has been suspended. 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 Intro to Theatre should be taken to meet the humanities requirement.
- Graduation Requirements (16-18 hours)
- Required Theatre Courses (40 hours)
 - Workshop Hours – *select from the following list* (2 hours)
 - THR (1-4)001 Theatre Performance Workshop
 - THR (1-4)011 Theatre Production Workshop
 - THR (1-4)041 Opera Theatre
 - Theatre History and Literature (9 hours)
 - THR 2013 Script Analysis
 - THR 4203 History and Literature of the Theatre I
 - THR 4213 History and Literature of the Theatre II
 - Acting and Directing (9 hours)
 - THR 1023 Acting I
 - THR 3033 Acting II
 - THR 4023 Directing of Plays
 - Theatre Design, Production, and Technology (10 hours)
 - THR 1053 Stagecraft
 - THR 2031 Makeup
 - Two of the following design courses:
 - THR 3053 Scene Design
 - THR 3063 Costume Design
 - THR 4003 Lighting & Sound Design
 - Management (3 hours)
 - THR 3013 Stage Management *or* THR 4013 Theatre Management
 - Approved electives from the following (6 hours)
 - Any THR course not meeting another requirement
 - THR/ENG 4413 Shakespeare
 - COM 3303 Oral Interpretation of Literature
 - Senior Capstone (1 hour)
 - THR 4311 Senior Capstone

Theatre Minor (18 hours) (Admissions Suspended)

- THR 1023 Acting I or THR 3033 Acting II or THR 3303 Oral Interpretation of Literature (3 hours)
- THR 1033 Introduction to Theatre (3 hours)
- THR 1053 Stagecraft or THR 3053 Scene Design (3 hours)
- THR 4023 Directing of Plays or THR 4013 Theatre Management (3 hours)
- Electives in Theatre (6 hours)

Musical Theatre Minor (Vocal Music Majors) (20 hrs) (Admissions Suspended)

(Instrumental Music Majors will need to complete 4 semesters of applied voice in addition to the below curriculum)

- THR 1023 Acting I (3 hours)
- THR 1053 Stagecraft (3 hours)
- THR 4043 Acting III (3 hours)
- THR 2013 Script Analysis (3 hours)
- THR 2031 Makeup (1 hour)
- THR 3013 Stage Management or THR 4013 Theatre Management (3 hours)
- MUS 3842 History of Musical Theatre (2 hours)
- THR (1-4)001 Theatre Performance Workshop (Musical) (1 hour)
- MUS (1-4)041 Opera Theatre (1 hour)

Musical Theatre Minor (Theatre Majors) (20 hours) (Admissions Suspended)

- MUS 1601 Music Fundamentals Lab (1 hour)
- MUS 1611 Sightsinging/Eartraining I (1 hour)
- MUS 1613 Music Theory I (3 hours)
- MUS 2631 Sightsinging for the Stage (1 hour)
- THR 4043 Acting III (3 hours)
- THR 3013 Stage Management or THR 4013 Theatre Management (3 hours)
- MUS 3852 History of Musical Theatre (2 hours)
- MUS (1-4)331 Applied Voice (4 hours)
- THR (1-4) 001 Theatre Performance Workshop (Musical) (1 hour)
- MUS (1-4)041 Opera Workshop (1 hour)

Division of Behavioral Sciences

Division Head: Shelley Dean Kilpatrick

Office: 200 Gott Educational Center; (417) 328-1736

Faculty: Earl William Duvall III, William Hafer, Matthew Rice, Philip Rohrer (Salem), Neoma Sanders, Kevin Schriver, Philip Truscott, William Walkup, and Pamela Wharton

Mission Statement

The Mission of the Division of Behavioral Sciences is to provide students the educational opportunity to scientifically investigate human behavior at the individual, social, and spiritual levels, while seeking to develop ways of thinking about people and assisting them in coping with their problems.

The Behavioral Sciences Division 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 Division of Behavioral Sciences includes the areas of psychology, criminal justice, and social work. It offers majors in psychology, criminal justice, and social work. The division also offers minors in psychology, sociology, counseling, social work, gerontology, military science, and criminal justice. There is also a concentration in sports performance enhancement for psychology majors offered by the division.

The course work in the Division of Behavioral Sciences is designed to produce graduates who are prepared for post baccalaureate alternatives, including employment as professionals or pursuing graduate studies. The goal of the division 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 fully accredited by the Council on Social Work Education, and its curriculum has been established to adhere to those standards. The course work in this major is designed for students who wish to pursue either a professional career in social work by entry-level preparation or graduate education in the field of social work. The program requires an application. For additional requirements, please consult the Director of Social Work and the B.S.W. Student Handbook.

Psychology and Criminal Justice majors must maintain a minimum GPA of 2.25 in the major, with no more than 6 hours of D grades in the major and complete the assessment requirements of the division. 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 division. The specific requirements for each concentration and minor in the division are presented with their respective course title below. Minors in the Behavioral Sciences must all maintain a minimum GPA of 2.25 in the minor and no more than 6 hours of D grades in the minor.

Psychology

Psychology is a science-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)
- BEH 2243 Statistics (3 hours)
- BEH 3003 Professional Skills in Behavioral Sciences (3 hours)
- PSY 3033 Abnormal Psychology (3 hours)

- PSY 3063 Human Growth and Development (3 hours)
- BEH 3073 Social Psychology (3 hours)
- BEH 3233 Basic Research (3 hours)
- Psychology electives –courses with PSY or BEH prefixes (12 hours) including, but not limited to:
 - PSY 3003 Human Sexuality (3 hours)
 - PSY 3013 Relationships (3 hours)
 - PSY 3023 Mental Hygiene: Psychology Applied to Life (3 hours)
 - PSY 3083 Neurodevelopmental Disorders (3 hours)
 - PSY 3313 Introduction to Counseling (3 hours)
 - PSY 3393 Introduction to Sports Psychology (3 hours)
 - PSY 4023 Psychology of Personality (3 hours)
 - PSY 4033 Adolescent Development (3 hours)
 - PSY 4093 Behavioral Analysis (3 hours)
 - PSY 4223 Psychological Testing (3 hours)
 - PSY 4263 Physiological Psychology (3 hours)
 - PSY 4373 Addictions (3 hours)
 - PSY 4153 Child Development (3 hours)
 - BEH 4233 Advanced Research (3 hours)
 - SOC 3253 Child Abuse and Family Violence (3 hours)
 - SOC 4053 Death and Dying (3 hours)

Psychology Major – B.S. Degree

The B.S. degree in Psychology requires the completion of thirty-six 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 behavioral science courses in another discipline (sociology, criminal justice, social work), or 8-9 hours of upper level natural science courses; *or* (2) Complete the requirements for a minor as listed in the catalog *or* (3) Complete the requirements for a second major as listed in the catalog. *Note:* The encouraged second major from this division would be either Social Work or Criminal Justice.

Psychology Major with Emphasis in Sports Performance Enhancement – B.S. Degree (42 hours)

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

- Psychology Core Requirements (21 hours)
 - PSY 3033 Abnormal Psychology (3 hours)
 - BEH 2243 Statistics (3 hours)
 - PSY 3063 Human Growth and Development (3 hours)
 - PSY 3313 Introduction to Counseling – *prerequisite* PSY 2063 (3 hours)
 - PSY 4263 Physiological Psychology (3 hours)
 - BEH 3073 Social Psychology (3 hours)
 - PSY 3393 Introduction to Sports Psychology (3 hours)
- Kinesiology Division Course Requirements (12 hours)
 - KIN 3073 Physiology of Exercise – *prerequisite* KIN 2133 (3 hours)
 - KIN 4003 Kinesiology – *prerequisite* KIN 2133 (3 hours)
 - KIN 4013 Sport in American Society – *prerequisite* 64 hours completed (3 hours)
 - SPM 1113 Introduction to Sport Management (3 hours)
- Electives – Choose from the following (9 hours)

- ESC 4033 Special Populations
- BEH 3233 Basic Research
- PSY 4093 Behavioral Analysis
- PSY 4373 Addictions
- KIN 3053 Measurement and Evaluation in Sport
- KIN 3093 Responding to Emergencies
- SPM 4023 Organization and Administration of Sport – *prerequisite 64 hours completed*

Psychology Major: Pre-Physical Therapy

The Behavioral Sciences Division at SBU has an undergraduate program of study in which students can prepare for entrance into the SBU Doctor of Physical Therapy (DPT) program. This program of study leads to a B. S. Degree in Psychology and incorporates required entrance course work for the SBU DPT program. Other admission requirements for the SBU DPT program should be obtained directly from the Division of Physical Therapy, Southwest Baptist University, Bolivar, MO, 65613, (417) 328-1672.

Admission to the SBU DPT program is based on competitive applications.

Completion of the Psychology Major: Pre-Physical Therapy should not be construed as a guaranteed acceptance into the SBU DPT program, nor does it guarantee acceptance into physical therapy programs not associated with SBU. Students selecting this major are strongly encouraged to keep in close contact with both their Major Division Advisor and the DPT Admission Coordinator beginning with their first year of study.

The typical program of study is shown below.

First Year

- Fall Semester
 - UNI 1111 University Seminar (1 hour)
 - BIO 1003 Principles of Biology (3 hours)
 - BIO 1001 Principles of Biology Lab (1 hour)
 - ENG 1113 English Composition I # (3 hours)
 - PSY 1013 General Psychology* (3 hours)
 - BIB 1013 Old Testament History (3 hours)
 - Cultural Studies Elective (2 hours)
- Spring Semester
 - UNI 1121 Introduction to Critical Thinking (1 hour)
 - ENG 2213 English Composition II (3 hours)
 - MAT 1243 Algebraic Reasoning and Modeling # (3 hours)
 - BIB 1023 New Testament History (3 hours)
 - KIN 1162 Foundations of Physical Fitness/Wellness (2 hours)
 - PSY 2063 Systems of Psychology (3 hours)

Second Year

- Fall Semester
 - CIS 1103 Computer & Information Management (3 hours)
 - BIO 2204 Human Anatomy and Physiology I* (4 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab* (5 hours)
 - SPF 2012 Introduction to Spiritual Formation (2 hours)
 - PSY 3033 Abnormal Psychology* (3 hours)
- Spring Semester
 - BIO 3304 Human Anatomy and Physiology II* (4 hours)

- CHE 1124/CHE 1121 Chemistry II and Lab* (5 hours)
- HIS 22(1-2)3 History of the United States, 1492-1865 or 1865-Present (3 hours)
- PSY 3063 Human Growth and Development* (3 hours)

Third Year

- Fall Semester
 - PHY 1114 General Physics I* (4 hours)/PHY 1111 General Physics I Lab* (1 hour)
 - FAR 10(0-3)3 Fine Arts Elective (3 hours)
 - COM 1103 Fundamentals of Speech Communications (3 hours)
 - BEH 3003 Professional Skills in Behavioral Sciences (3 hours)
 - BEH 2243 Statistics* (3 hours)
- Spring Semester
 - BEH 3233 Basic Research (3 hours)
 - PHY 1124/PHY 1121 General Physics II and Lab* (5 hours)
 - BIO 4404 Pathophysiology** (4 hours)
 - PTH 1153 Intro to Physical Therapy (3 hours)

Fourth Year

- Fall Semester
 - POL 1113 American Government (3 hours)
 - Psychology Electives (12 hours)
 - Elective (3 hours)
- Spring Semester
 - ECO 2003 LIFE Economics (3 hours)
 - KIN 3073 Exercise Physiology (3 hours)
 - PSY 3073 Social Psychology (3 hours)
 - Electives (6 hours)

Placement in this course depends on ACT, SAT, or CLT pre-scores

* Prerequisite for DPT (one PSY course is required for PT school, either General Psychology, Abnormal Psychology, or Human Growth and Development)

** Strongly recommended but not required for DPT

^ Submit completed DPT graduate school application packet including GRE scores

Minor in Psychology

18 hours beyond a major, as follows:

- PSY 1013 General Psychology (3 hours)
- PSY 2063 Systems of Psychology (3 hours)
- Psychology (PSY) or Behavioral Sciences (BEH) electives (12 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 3013 Relationships
- PSY 4093 Behavioral Analysis
- PSY 4223 Psychological Testing
- PSY 4243 Pre-Marital Counseling
- PSY 4273 Small Groups
- PSY 4363 Marriage and Family Counseling
- PSY 4373 Addictions
- SOC 3253 Child Abuse and Family Violence
- SOC 4053 Death and Dying
- SOC 4083 Gerontology

Courses taken in the counseling minor are considered a separate discipline.

**Note:* PSY 2063 Systems of Psychology is a prerequisite for all counseling minor courses.

Social Work

Social Work is a practice-oriented degree preparing students for careers in social work and further graduate study. The emphasis is on a generalist education and training curriculum governed by the standards set forth by the Council on Social Work Education. The program seeks to increase the respect and appreciation for self and others, while promoting advocacy and interventions to benefit the person in the family, group, and community. The program requires the following prerequisite courses and an application process to the program. The B.S.W. Student Handbook outlines the policies and procedures and should be followed by the student in making the application to the B.S.W. program.

Social Work Major – B.S.W. Degree

The prerequisite courses required for application are the following:

- SWK 2003 Introduction to Social Work (3 hours)
- PSY 1013 General Psychology (3 hours)
- SOC 1003 Introduction to Sociology (3 hours)

Core Social Work Curriculum The Bachelor of Social Work degree requires the following courses in the program for a total of 49 hours:

- SWK 2021 Field Preparation and Careers in Social Work (1 hour)
- SPF 2032 Spiritual Formation for Ministry (2 hours)
- SWK 2001 Writing for the Social Work Profession (1 hour)
- SWK 3043 Social Work with Diverse Populations (3 hours)
- SWK 3113 Social Work Practice I: Helping Skills (3 hours)
- SWK 3111 Helping Skills Lab (to be taken concurrently with 3113 above) (1 hour)
- SWK 3133 Social Work Practice II: Families and Groups (3 hours)
- SWK 4093 Social Problems and Social Policy (3 hours)
- SWK 4143 Social Work Practice III: Communities and Organizations (3 hours)
- SWK 4253 BSW Seminar and Practicum I (3 hours)
- SWK 4269 BSW Seminar and Practicum II (9 hours)
- SWK 4012 Understanding the Impact of Psychological Trauma (2 hours)
- PSY 2023 Mental Hygiene (3 hours)
- BEH 2243 Statistics (3 hours)
- BEH 3233 Basic Research (3 hours)

- PSY 3033 Abnormal Psychology (3 hours)
- PSY 3063 Human Growth and Development (3 hours)

Social Work supportive courses (Generalist practice) are to be taken from the following (12 hours)

- BIO 3304 Anatomy and Physiology
- PSY 2063 Systems of Psychology (3 hours)
- PSY 4373 Addictions
- SOC 3253 Child Abuse and Family Violence
- SOC 4033 Criminology
- SOC 4053 Death and Dying
- SOC 4083 Gerontology
- SWK 296(1-3) Special Topics in Social Work
- SWK 4953 Intensive Studies in Social Work

Concentrations in Social Work

Concentrations can be taken in lieu of the Social Work supportive courses above. They prepare students for specific areas of social work practice or graduate work. The four concentrations are Pre-Clinical Social Work, Forensic Social Work, Healthcare Social Work, and School-Based Social Work. Each concentration has 12 hours beyond the Core Social Work Major Curriculum, with additional certification work and field placements in the concentration area.

Pre-Clinical Social Work Concentration:

Prepares Social Work Majors interested in a career in Clinical Social Work and eventual LCSW licensure. Students graduating with this concentration will be well-versed in generalist social work practice competencies and foundational counseling skills and methods. This concentration is designed to be an excellent preparation for a Masters in Social Work degree with a clinical or generalist concentration.

Required Courses:

- Core Social Work Major Curriculum

Note: SWK 4253 Seminar and Practicum I and SWK 4269 Seminar and Practicum II are to be completed within a Mental Health/clinical setting

Required courses for the concentration:

- PSY 3313 Introduction to Counseling
- PSY 4313 Counseling Methods and Practice
- PSY 4883 Advanced Counseling Methods and Practice

Select ONE of the following:

- PSY 3003 Human Sexuality
- SOC 4053 Death and Dying
- SOC 3253 Child Abuse and Family Violence
- PSY 4373 Addictions

Capstone: Completion of the Clinical Trauma Competency for Social Workers training is the capstone project for this concentration. Students will successfully complete the curriculum and associated exam. This certificate will be earned as part of SWK 4269 - Practicum II

Forensic Social Work Concentration:

Prepares students for Social Work careers within the criminal justice and related systems (i.e. Juvenile Justice, Child Protective Services, Victims Advocacy and others)

Required Courses:

Core Social Work Major Curriculum:

Note: SWK 4253 Seminar and Practicum I and SWK 4269 Seminar and Practicum II are to be completed within a legal or criminal justice venue (i.e. Law Enforcement department, Juvenile Office, court system; DV legal advocate or others)

FSW concentration Required courses: (12 hours total)

- SOC 3253: Child Abuse and Family Violence
- CRJ 2313 Intro to Criminal Justice
- CRJ 4373 Police Methods and Procedures
- CRJ 4333 Criminal Law

Capstone: A CEU Certificate from the National Organization of Forensic Social Work (NOFSW) Students will attend and successfully complete a two-day webinar from the NOFSW – an exam on the covered material may be required as well. This certificate will be earned as part of SWK 4269 - Practicum II

Healthcare Based Social Work Concentration:

Prepares Social Work Majors interested in careers based in a hospital or other healthcare setting. Students graduating with this concentration will be well-versed in generalist Social Work practice competencies and in the application of these to the healthcare environment.

Required Courses:

Core Social Work Major Curriculum

Note: SWK 4253 Seminar and Practicum I and SWK 4269 Seminar and Practicum II are to be completed within a healthcare setting.

The following 12 hours in the concentration:

Required 9 hours:

- HSC/NUR 1013 Medical Terminology
- HSC/NUR 3013 Organization and Delivery of Health Care
- SOC 4053 Death and Dying

Select ONE of the following:

- HSC 3123 Informatics for Health Care Professionals
- HSC 3133 Legal and Contemporary Issues in Health Care
- HSC 4133 Public Health and Education

Capstone: Completion of CPR First Aide Certification as well as Mental Health First Aide Certification. Students will successfully complete the curriculum and any associated exams. This certificate will be earned as part of SWK 4269 - Practicum II

School-Based Social Work Concentration:

Prepares Social Work Majors interested in a career in School-Based Social Work. Students graduating with this concentration will be well-versed in generalist Social Work practice competencies and in the application of these to the educational environment.

Required Courses:

Core Social Work Major Curriculum

Note: SWK 4253 Seminar and Practicum I and SWK 4269 Seminar and Practicum II are to be completed within a school-based setting.

12 hours in the following:

- EDU 2243. Health, Safety and Nutrition for the Young Child
- EDU 2483. School, Home, and Community Collaboration
- EDU 3043 Learner Development
- SOC 3253 Child Abuse and Family Violence

Capstone: Completion of the Mental Health First Aide for Adolescents and Youth Suicide Prevention Training CEU Certificate. Students will successfully complete the curriculum and any associated exams. This certificate will be earned as part of SWK 4269 - Practicum II

Minor in Social Work

18 hours beyond a major, as follows:

- Required classes
 - SWK 2003 Introduction to Social Work (3 hours)
 - SWK 3113 Social Work Practice I: Helping Skills (3 hours)
 - SWK 3111 Helping Skills Lab (to be taken concurrently with 3113 above) (1 hour)
 - PSY 3063 Human Growth and Development (3 hours)
- Choose 3 hours of electives from the following Social Work Practice classes:
 - SWK 3133 Practice II: Families and Groups
 - SWK 4143 Practice III: Communities and Organizations
- Choose 5-6 hours of electives from the classes below or from additional Social Work Practice classes listed above
 - SOC 3003 The Family
 - SOC 3253 Child Abuse and Family Violence
 - SOC 4053 Death and Dying
 - SOC 4083 Gerontology
 - SWK 4093 Social Problems and Social Policy
 - SWK 4012 Understanding the Impact of Psychological Trauma

* Courses taken in the Social Work minor are considered a separate discipline.

Minor in Sociology

Eighteen hours beyond a major, as follows:

- SOC 1003 Intro to Sociology (3 hours)
- SOC 3143 Sociology of Diverse Groups (3 hours)
- SOC 4093 Social Problems and Social Policy (3 hours)
- Choose an additional 9 hours of upper level Sociology classes from the following list:
 - SOC 3003 The Family
 - SOC 3253 Child Abuse and Family Violence
 - SOC 4033 Criminology
 - SOC 4053 Death and Dying
 - SOC 4083 Gerontology: The Study of Aging
 - BEH 3073 Social Psychology

- BEH 4353 Agape Love and Altruism

Minor in Gerontology

Twenty-one hours beyond a major, as follows:

- BIO/KIN 2243 Nutrition (3 hours)
- PSY 3063 Human Growth and Development (3 hours)
- SWK 2003 Introduction to Social Work (3 hours)
- SOC 4053 Death and Dying (3 hours)
- SOC 4083 Gerontology (3 hours)
- SOC 4963 Field Experience in Gerontology – *this would follow the completion of all gerontology course work* (3 hours)
- Three hours of gerontology electives from the following (3 hours)
 - ESC 4033 Special Populations
 - SWK 3043 Social Work with Diverse Populations
 - SOC 3253 Child Abuse and Family Violence
 - PSY 4263 Physiological Psychology

Criminal Justice

Criminal Justice provides a basic educational background, which is designed to prepare the students 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, plus thirty-six hours in the criminal justice major below and complete one of the following three options: (1) 8-9 hours of upper level psychology, sociology, or natural sciences, (2) complete the requirements for a minor within the division, or (3) complete the requirements for a second major as listed in the catalog: *Note: The approved second major from this division would be either Psychology, Social Work, or Sociology.*

- CRJ 2313 Introduction to Criminal Justice (3 hours)
- CRJ 2333 Judicial Process (3 hours)
- CRJ 3313 Law Enforcement Organization and Administration (3 hours)
- CRJ 3373 Juvenile Delinquency (3 hours)
- CRJ 4313 Corrections in America (3 hours)
- CRJ 4333 Criminal Law (3 hours)
- CRJ 4373 Police Methods and Procedures (3 hours)
- PSY 3033 Abnormal Psychology (3 hours)
- BEH 3073 Social Psychology (3 hours)
- SOC 4033 Criminology (3 hours)
- Six hours of electives selected from the following (6 hours):
 - BEH 2243 Statistics
 - BEH 4233 Advanced Research
 - POL 4563 The Supreme Court and Constitutional Development – *POL 1113 or POL/HON 1013 is a prerequisite*
 - PSY 4093 Behavioral Analysis

- PSY 4373 Addictions
- SOC 3143 Sociology of Diverse Groups
- SOC 3253 Child Abuse and Family Violence
- SOC 4093 Social Problems and Social Policy
- CRJ 3033 Serial Killers
- CRJ 3053 Criminal Investigation
- CRJ 295(1-3) Special Topics
- CRJ 495(1-3) Intensive Studies
- CRJ 498(3-6) Internship in Criminal Justice
- CRJ 499(1-3) Independent Study in Criminal Justice

Minor in Criminal Justice

Eighteen hours including:

- CRJ 2313 Introduction to Criminal Justice (3 hours)
- CRJ 4313 Corrections in America (3 hours)
- CRJ 4333 Criminal Law (3 hours)
- CRJ 4373 Police Methods and Procedures (3 hours)
- Six hours of electives chosen from the following or other CRJ courses (6 hours):
 - CRJ 2333 Judicial Process
 - CRJ 3033 Serial Killers
 - CRJ 3313 Law Enforcement Organization and Management
 - CRJ 3373 Juvenile Delinquency
 - PSY 4373 Addictions
 - SOC 3143 Sociology of Diverse Groups
 - SOC 3253 Child Abuse and Family Violence

Credit for Law Enforcement Certification

Individuals who received certification upon completion of the 470-600 hour or equivalent training programs of the police/sheriff's academies (Class B or Class A Law Enforcement Certification) will be granted the following in transfer of credit upon acceptance into SBU:

- CRJ 2313 Introduction to Criminal Justice (3 hours)
- CRJ 2953 Special Topics (3 hours)
- CRJ 2953 Special Topics (3 hours)
- CRJ 4333 Criminal Law (3 hours)
- KIN 3093 Responding to Emergencies (3 hours)

Minor in Military Science

Most of the Military Science course requirements are provided at Missouri State University in Springfield, MO. Military Science students actually register at Southwest Baptist University, but must also coordinate this registration with the MSU Department of Military Science. (MSU, Dept. of Military Science, 901 S. National, Springfield, MO 65804, 417-836-5791).

Twenty-one hours including: *

- MIL 3013 Military Leadership and Operations (3 hours)
- MIL 3023 Military Skills Building (3 hours)
- MIL 3255 Advanced Military Science Practicum – *advanced camp, taken in summer* (3 hours)
- MIL 4113 Military Qualification Skills for the Advanced Cadet (3 hours)
- MIL 4123 Transition from Cadet to Lieutenant (3 hours)

- HIS 3153 Military History (MSU) *or* HIS 4953 Intensive Studies in History (SBU) (3 hours)

* A student who does not have previous military experience will require additional course work. Consult with the Division of Behavioral Sciences.

Division of Humanities

Division Head: Carla Kirchner

Office: Jester Learning and Performance Center 206; (417) 328-1944

Mission Statement

The Division of Humanities strives to create a Christian atmosphere in which students are taught to write effectively, communicate clearly, comprehend the nature of language, think critically about literature, and foster an awareness of the history and political systems of both the United States and diverse other parts of the world.

Vision Statement

The Division of Humanities accomplishes its mission by:

- encouraging students to integrate their academic pursuits and Christian faith;
- helping students to develop skills in written and oral communication;
- teaching students to understand the nature of the English and other languages;
- inspiring students to think critically about history, political science, communication, literature, and language

Area of Language and Literature

Faculty: Autumn Finley, Carla Kirchner, Elsy Shuford

Faculty Associates: Jennifer Hungerford, Michael Morton, Sherry Shoemaker

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 (36 hours)

- Core Courses—27 hours
 - Writing Course (3 hours)
 - ENG 3353 Advanced Composition
 - American Literature Courses – *select from the following list* (6 hours)
 - ENG 3313 American Literature I
 - ENG 3323 American Literature II
 - ENG 4033 Focused Readings in American Literature
 - British Literature Courses – *select from the following list; one course must be taken from each grouping* (6 hours)
 - Group 1:
 - ENG 3233 Medieval and Renaissance English Literature
 - ENG 3243 17th and 18th Century English Literature
 - ENG/THR 4413 Shakespeare
 - Group 2:

- ENG 3383 Romantic and Victorian English Literature
 - ENG 4023 Contemporary British Literature
- Linguistic Course – (3 hours)
 - ENG 3373 Structure of the English Language
- World Literature Course (3 hours)
 - ENG 3413 Survey of World Literature
- English Elective (3 hours)
- Literature Concentration—9 hours
 - *Take literature courses from British or American literature not used to fulfill core requirements.*
- Writing Concentration—9 hours
 - *Select from the following list.*
 - ENG 3033 Writing Creatively for Young Adults
 - ENG 3041 Creative Writing Seminar—*1 hour of credit; may be taken 3 times*
 - ENG 3053 Poetry and Playwriting
 - ENG 3063 Storytelling
 - COM/ENG 3813 Professional Writing and Editing
 - COM/ENG 3823 Journalistic Writing and Editing

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 Elementary and Secondary Education for certification of secondary school teachers. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in English coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Division of Language and Communication and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Division of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.) Courses required for English certification are as follows:

- General Education Courses (42 hours)
- Graduation Requirements (10 hours)
- Required English Courses (33 hours)
 - ENG 3353 Advanced Composition
 - ENG/EDU 4543 Methods of Teaching Writing in the Secondary School – *also counted as professional education* (3 hours)
 - ENG/EDU 3303 American Literature for Young Adults (3 hours)
 - American Literature Courses – *select from the following list* (6 hours)
 - ENG 3313 American Literature I
 - ENG 3323 American Literature II
 - ENG 4033 Focused Readings in American Literature
 - English Literature Courses – *select from the following list; one course must be taken from each grouping, the third course may come from either grouping* (9 hours)
 - Group I:
 - ENG 3233 Medieval and Renaissance English Literature

- ENG 3243 17th and 18th Century English Literature
- ENG/THR 4413 Shakespeare
- Group 2:
 - ENG 3383 Romantic and Victorian English Literature
 - ENG 4023 Contemporary British Literature
- World Literature Course (3 hours)
 - ENG 3413 Survey of World Literature
- Linguistic Courses (6 hours)
 - ENG 3363 History of the English Language
 - ENG 3373 Structure of the English Language
- Professional Education Coursework (48 hours)
 - See B.S. Degree Certification in Content Areas, Grades 9-12, K-12

English Minor

Eighteen hours above the courses completed to meet the general education requirement in composition, including the following:

- ENG 3353 Advanced Composition (3 hours)
- British Literature (3 hours)
- American Literature (3 hours)
- ENG 3363 History of the English Language *or* ENG 3373 Structure of the English Language (3 hours)

Writing and Editing Minor

Eighteen hours above the courses completed to meet the general education requirement in composition, including the following:

- COM/ENG 3813 Professional Writing and Editing *or* COM/ENG 3823 Journalistic Writing and Editing (3 hours)
- English coursework – *select from the following list* (6 hours)
 - ENG 3033 Writing Creatively for Young Adults
 - ENG 3041 Creative Writing Seminar—*1 hour of credit; may be taken 3 times*
 - ENG 3053 Poetry and Playwriting
 - ENG 3063 Storytelling
 - ENG 3353 Advanced Composition
 - ENG 3373 Structure
- Communication coursework – *select from the following list* (3 hours)
 - COM 3003 Applied Communication Theory
 - COM 3043 Communication Research Methods
 - COM 3283 Persuasion and Rhetoric
- Electives – *select from courses above not used to fulfill minor requirements or choose from the following list* (6 hours)
 - ART 2703 Intro to Graphic Design
 - COM 1013 Media and Society
 - COM 2033 Intro to Digital Video
 - COM 3063 Digital Video Journalism
 - ENG 4961 Writing Center Theory and Practice—*1 hour of credit*
 - MKT 3053 Advertising
 - MKT 4253 Digital and Social Media Marketing

Note: Courses used to complete requirements for any major may not be used to complete requirements for this minor. In the case of course requirement overlap, students will work with English program faculty to determine an acceptable substitution.

Modern Languages

The study of modern languages is directed toward helping students converse, compose and read in modern languages, as well as understand the people, their literature, and their culture.

Spanish Major – B.A. Degree

- General Education Courses (42 hours)
- Graduation Requirements (16-18 hours)
- Spanish Courses, including the following (36 hours)
 - SPA 1114 Elementary Spanish I
 - SPA 1124 Elementary Spanish II
- General Electives or Second Major (30-33 hours)
 - It is highly recommended that students spend at least six weeks in a country where Spanish is the official language.

Spanish Education Major – B.A. Degree (Certification K-12)

Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in Spanish coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Division of Language and Communication and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Division of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.) Courses required for Spanish certification are as follows:

- General Education Courses (42 hours)
- Graduation Requirements – *foreign language requirement met through major* (10 hours)
- Spanish Courses (30 hours)
 - SPA 1114 Elementary Spanish I
 - SPA 1124 Elementary Spanish II
 - SPA 2213 Intermediate Spanish I
 - SPA 2223 Intermediate Spanish II
 - SPA 3313 Advanced Spanish Composition and Conversation
 - SPA 3323 Hispanic Culture and Civilization
 - SPA 3333 Survey of Early Spanish Literature
 - SPA 3343 Survey of Later Spanish Literature
 - Upper-level electives (4 hours)
- Professional Education Coursework (45 hours)
 - See B.S. Degree Certification in Content Areas, Grades 9-12, K-12

Spanish Minor (20 hours)

- SPA 1114 Elementary Spanish I (4 hours)
- SPA 1124 Elementary Spanish II (4 hours)
- SPA 2213 Intermediate Spanish I (3 hours)
- SPA 2223 Intermediate Spanish II (3 hours)

- *Electives from the following* (6 hours)
 - SPA 3313 Advanced Spanish Composition and Civilization
 - 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

Bob R. Derryberry Area of Communication Arts

Faculty: Taylor Corlee, Rachael Morrow

Faculty Associates: Ben Kilpatrick, Cris Swaters

Mission Statement

The Bob R. Derryberry Area of Communication, named after long-time professor in communication and forensics, exists to help students discover and maximize their God-given voices through rigorous study, engaging performances, and the thoughtful application of the dynamic arts of human communication.

Students seeking a degree in Communication Arts must complete the Communication Core Courses along with one of the major programs below:

Communication Core Courses

- Required Courses for all Derryberry Communication Program Majors (18 hours)
 - COM 1013 Media and Society (3 hours)
 - COM 1103 Fundamentals of Communication or COM 2393 Interpersonal Communication (3 hours)
 - *Students using COM 1103 to fulfill the General Education requirement in Communication must take COM 2393. Students using COM 2393 to fulfill the General Education requirement in Communication must take COM 1103.*
 - COM 1111 Writing for Communication (1 hour)
 - COM 3353 Organizational Communication (3 hours)
 - COM 3283 Persuasion and Rhetoric (3 hours)
 - COM 4532 Senior Capstone (2 hours)
 - COM 4983 Communication Internship (3 hours)

Communication Major – B.A. Degree

- General Education Courses (42 hours)
- Graduation Requirements (16-18 hours)
- Communication Core Courses (18 hours)
- Required Communication Courses (24 hours)
 - COM 3003 Applied Communication Theory (3 hours)
 - COM 3043 Communication Research Methods (3 hours)
 - COM/THR 3303 Oral Interpretation of Literature (3 hours)
 - COM 3313 Advanced Public Speaking (3 hours)
 - COM 3363 American Public Address (3 hours)
 - COM 3023 Argumentation and Debate (3 hours)
 - Communication electives – *selected with division approval* (6 hours)

Media Studies Major – B.A. Degree

- General Education Courses (42 hours)
- Graduation Requirements (16-18 hours)
- Communication Core Courses (18 hours)
- Required Courses (24 hours)
 - COM/ENG 3823 Journalistic Writing and Editing (3 hours)
 - COM 2233 Introduction to Public Relations or COM 4433 Interviewing (3 hours)
 - COM 4233 Media Ethics and Issues (3 hours)
 - Choose six hours from the following:
 - COM 2023 Introduction to Sports Communication
 - COM 3313 Advanced Public Speaking or COM 3303 Oral Interpretation of Literature
 - COM 3333 Intercultural Communication
 - ENG 3063 Storytelling
 - THR 2043 Introduction to Film
 - MKT 4253 Digital and Social Media Marketing (3 hours)
 - Choose 3 hours from the following:
 - ART 2703 Introduction to Graphic Design
 - ART 2003 Photography I
 - COM 2033 Introduction to Digital Video
 - COM 3063 Digital Video Journalism
 - Communication electives – *selected with division approval* (3 hours)

Organizational and Strategic Communication Major – B.A. Degree

- General Education Courses (42 hours)
- Graduation Requirements (16-18 hours)
- Communication Core Courses (18 hours)
- Required Courses (24 hours)
 - COM 2233 Introduction to Public Relations (3 hours)
 - Choose 6 hours from the following:
 - COM 3263 Crisis Management
 - COM 3383 Small Group Communication
 - COM 3333 Intercultural Communication
 - COM 4013 Communication and Leadership
 - COM 3313 Advanced Public Speaking (3 hours)
 - COM/ENG 3813 Professional Writing and Editing (3 hours)
 - COM 4433 Interviewing (3 hours)
 - MKT 4253 Digital and Social Media Marketing (3 hours)
 - Communication electives – *selected with division approval* (3 hours)
 - ART 2703 Introduction to Graphic Design, ART 2003 Photography I, or ENG 3063 Storytelling may be counted toward the major.

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.

Media Studies Major - B.S. Degree

The same requirements as those for the B.A. except that no courses in foreign language are required. In lieu of the foreign language requirement, students must either meet the requirements of a second major or take 9 hours of additional approved communication electives.

Organizational and Strategic Communication Major - B.S. Degree

The same requirements as those for the B.A. except that no courses in foreign language are required. In lieu of the foreign language requirement, students must either meet the requirements of a second major or take 9 hours of additional approved communication electives.

Speech Communication and Theatre Education – B.S. Degree (Admissions Suspended)

This degree leads to speech communication and theatre certification for public school teaching in grades 9-12. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in speech and theatre coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the area of Communication Arts and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Division of Education – Bachelor of Science Degree Certification in content Areas, Grades 9-12, K-12.) Students must complete 38 hours of coursework in the Area of Communication Arts as follows:

- COM 1103 Fundamentals of Speech Communication (3 hours)
- COM 3023 Argumentation and Debate (3 hours)
- COM 3303 Oral Interpretation of Literature (3 hours)
- COM 3313 Advanced Public Speaking (3 hours)
- COM 3351 Intercollegiate Forensics (2 hours)
- THR 1001 Theatre Performance Workshop (1 hour)
- THR 1011 Theatre Production Workshop (1 hour)
- THR 1023 Acting I (3 hours)
- THR 1033 Introduction to Theatre (3 hours)
- THR 1053 Stagecraft (3 hours)
- THR 4023 Directing of Plays (3 hours)
- Electives in Communication or Theatre (6 hours)
- Professional Education Coursework (49 hours)
 - See B.S. Degree Certification in Content Areas, Grades 9-12, K-12

Communication Minor (18 hours)

- COM 1103 Fundamentals of Communication or COM 2393 Interpersonal Communication (3 hours)
 - *Students using COM 1103 to fulfill the General Education requirement in Communication must take COM 2393. Students using COM 2393 to fulfill the General Education requirement in Communication must take COM 1103.*
- COM 3283 Persuasion and Rhetoric (3 hours)
- COM 3023 Argumentation and Debate or COM 3313 Advanced Public Speaking (3 hours)
- Communication Electives (9 hours)
 - *ENG 3353 Advanced Composition may be counted toward this minor.*

Note: Students may not major in Media Studies or Organizational and Strategic Communication and complete a minor in Communication.

Journalism and Mass Communication Minor (18 hours)

- COM 1013 Media and Society (3 hours)
- COM/ENG 3823 Journalistic Writing and Editing (3 hours)
- COM 2233 Introduction to Public Relations or COM 4433 Interviewing (3 hours)
- COM 4233 Media Ethics (3 hours)
- Choose six hours from the following:
 - COM 3313 Advanced Public Speaking
 - COM 3333 Intercultural Communication
 - COM 2023 Introduction to Sports Communication
 - COM 2033 Introduction to Digital Video
 - COM 3063 Digital Video Journalism
 - MKT 4253 Digital and Social Media Marketing
 - THR 2043 Introduction to Film

Note: Students may not major in Media Studies and complete a minor in Journalism and Mass Communication.

Corporate Communication Minor (18 hours)

- COM 3353 Organizational Communication (3 hours)
- COM 2233 Introduction to Public Relations (3 hours)
- COM/ENG 3813 Professional Writing and Editing (3 hours)
- COM 4013 Communication and Leadership (3 hours)
- Choose 6 hours from the following:
 - COM 3263 Crisis Management
 - COM 3383 Small Group Communication
 - COM 3333 Intercultural Communication
 - COM 3313 Advanced Public Speaking
 - COM 4433 Interviewing

Note: Students may not major in Organizational and Strategic Communication and complete a minor in Corporate Communication.

Speech Communication and Theatre Minor (18 hours) (Admissions Suspended)

This program does not meet teaching certification requirements.

- COM 1103 Fundamentals of Speech Communication (3 hours)
- COM 3023 Argumentation and Debate *or* COM 3313 Advanced Public Speaking (3 hours)
- COM 3303 Oral Interpretation of Literature (3 hours)
- THR 1023 Acting I *or* THR 3033 Acting II (3 hours)
- THR 1033 Introduction to Theatre (3 hours)
- Electives in Theatre (3 hours)

Area of History and Political Science

Faculty: Coyle Neal, Kwasi Ofori-Yeboah, James O. Smith, Timothy Wood

Faculty Associate: Ron Edwards

History Major – B.A. or B.S. Degree

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.

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; 6 hours in United States history; and 3 hours of History Capstone. Students must also complete 6 semester hours of political science (excluding POL 1113 and POL/HON 1013). All history majors (including those with a conjunctive or double major) must also take the History ACAT prior to graduating.

- General Education Requirements (6 hours)
 - HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance
 - HIS 2213 History of the United States, 1492-1865 *or* HIS/HON 2013 Honors U.S. History I
- Introductory History Courses (6 hours)
 - HIS 1123 Introduction to the History of World Civilization: From the Renaissance to the Present
 - HIS 2223 History of the United States, 1865-Present
- Ancient/Medieval History Block – *select two 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 – *select one course from the following list* (3 hours)
 - HIS 3513 Europe During the Renaissance and Reformation Period
 - HIS 3533 Early Modern Europe
 - HIS/POL 4013 African History and Politics
 - HIS 4953 Intensive Studies in Modern World History
 - HIS 4993 Independent Study in Modern World History
- American History Block – *select two courses from the following list* (6 hours)
 - HIS 3003 The U.S. Civil War
 - HIS 3153 American Military History
 - HIS 3813 Colonial and Revolutionary America
 - HIS 3823 America in the Early National and Civil War Eras
 - HIS 3833 Gilded Age and Progressivism, 1877 – 1928
 - HIS 3843 Recent United States History, 1929 – 1991
 - HIS 4953 Intensive Studies in American History

- HIS 4993 Independent Study in American History
- HIS 4503 History Capstone Seminar (3 hours)
- History Elective (3 hours)
- Political Science Electives – *excluding* POL 1113 (6 hours)

The B.S. degree requires, in addition, 9 hours of supporting work in the social science fields of anthropology, geography, political science (except POL 1013/1113 or courses counted in major), psychology (except PSY 1013) and sociology (except SOC 1003). Students completing another major in addition to history in the B.S. degree program may waive this 9 hours of supporting work.

Minor in History

Students pursuing a minor in history must complete 18 semester hours of history beyond HIS 1113 and HIS 2213 which must be taken for general education credit. All history classes must have a minimum cumulative GPA of 2.00. These hours include HIS 1123 and HIS 2223; 3 semester hours from the ancient and medieval history block, 3 semester hours from the modern world history block; and 6 semester hours from the United States history block.

Political Science

The political science program offers excellent preparation for a broad range of careers not only for students who are interested in attending law school or pursuing public service careers, but also for those anticipating careers overseas in government service, business, or missions. Please see the information on the suggested academic program for Pre-Law 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.

- POL 2223 American State and Local Government (3 hours)
- POL 295(2-3) Special Topics in Political Science (2-3 hours)
- POL 4453 Congress and the Legislative Process (3 hours)
- POL 4563 The Supreme Court and Constitutional Development (3 hours)
- POL 4673 The American Presidency (3 hours)
- POL 4883 Political Philosophy (3 hours)
- POL 3313 International Relations (3 hours)
- POL 3323 Comparative Government (3 hours)
- HIS 3843 Recent United States History, 1929 – 1991 (3 hours)
- Electives – *select two courses from the following list* (6 hours)
 - POL 4003 Public Administration
 - POL/HIS 4013 African History and Politics
 - POL 4983 Internship in Political Science

- POL 4953 Intensive Studies in Political Science
- POL 4993 Independent Study in Political Science
- MAT 3343 Mathematical Statistics *or* BUS 2023 Business Statistics *or* BEH 2243 Statistics
- Supporting Work for Bachelor of Science degree – *select three 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 – 1928
 - HIS 3893 United States Diplomatic History, 1928 – present
 - MGT 3013 Principles of Management
 - SOC 4033 Criminology
 - SOC 3143 Sociology of Diverse Groups

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 – *select two 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 – *select two 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)
 - Select one course from those listed above

Minor in Pre-Law

The Pre-Law minor is intended to prepare students for law school and for life as an attorney. It aims to build foundational skills such as writing, public speaking, analytical thought, and a basic understanding of American law and institutional processes.

Students pursuing a minor in Pre-Law must complete 18 semester hours of courses from the list below.

All Pre-Law minor courses must have a minimum cumulative GPA of 3.0 and must do an internship approved by both the student's major advisor and the University's Pre-Law advisor, or take at least two semesters of COM 3351 Intercollegiate Forensics.

(Entrance into law school is based on a combination of grade point average and scores on the standardized Law School Admission Test (LSAT). For further information, contact the Area of History and Political Science.)

The minimum requirements are:

- Pre-Law Seminar (1 hour)
 - POL 210(1-2) Pre-Law Seminar
- Judicial Processes and the Courts – *select one course from the following list* (3 hours)
 - CRJ 2333 Judicial Process
 - BUS 3073 Legal Environment of Business I
 - POL 4563 The Supreme Court and Constitutional Development
- Verbal Communication Skills – *select one course from the following list* (3 hours)
 - COM 3023 Argumentation and Debate
 - COM 3283 Persuasion and Rhetoric
 - COM 3313 Advanced Public Speaking
 - THR 3033 Acting II
- Written Communication Skills – *select one course from the following list* (3 hours)
 - ENG 3353 Advanced Composition
 - ENG 3373 Structure of the English Language
- Thinking Skills – *select one course from the following list* (3 hours)
 - MAT 3332 Symbolic Logic and Set Theory
 - POL 4883 Political Philosophy
 - BEH 3073 Social Psychology
 - THE 4003 Theological Method
- Law – *select one course from the following list* (3 hours)
 - BUS 3083 Business Enterprise/Debtor and Creditor Rights
 -
 - CRJ 4333 Criminal Law
 - CRJ 4373 Police Methods and Procedures
 - POL/CRJ 4953 Intensive Studies
- Internship (2-3 hours)
 - POL 498(2-3) Internship in Law
 - COM 3351 Intercollegiate Forensics (2 semesters)

Social Science Education

Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in social science coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Area of History and Political Science and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Division of Education – Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12).

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, and additional social science coursework. 15 semester hours of the above listed courses must be at the 3000/4000 level.

- General Education Requirements (15 hours)
 - HIS 1113 Introduction to the History of World Civilization: From the Earliest Times Through the Renaissance (3 hours)
 - HIS 2213 History of the United States, 1492 – 1865 *or* HIS/HON 2013 Honors U.S. History I (3 hours)
 - POL 1113 American Government *or* POL/HON 1013 Honors American Government (3 hours)
 - ECO 2023 Principles of Microeconomics *or* ECO 2033 Principles of Macroeconomics (3 hours) ECO 2003 LIFE Economics MAY NOT be used to fulfill this requirement.
 - 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, 1865 – Present
- United States History – *select three courses from the following list* (9 hours)
 - HIS 3003 The U.S. Civil War
 - HIS 3153 American Military History
 - HIS 3813 Colonial and Revolutionary America
 - HIS 3823 America in the Early National and Civil War Eras
 - HIS 3833 Gilded Age and Progressivism, 1877 – 1928
 - HIS 3843 Recent United States History, 1929 – 1991
 - HIS 4953 Intensive Studies in American History
 - HIS 4993 Independent Study in American History
- Ancient/Medieval History Block – *select one course from the following list* (3 hours)
 - HIS 3323 Ancient Rome and the Empire
 - HIS 3333 Ancient Military History
 - HIS 3423 Europe in the Middle Ages
 - HIS 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 – *select one course from the following list* (3 hours)
 - HIS 3513 Europe During the Renaissance and Reformation Period
 - HIS 3533 Early Modern Europe
 - HIS 4953 Intensive Studies in Modern World History
 - HIS 4993 Independent Study in Modern World History

- Additional Social Science Coursework (18 hours)
 - GEO 1103 Geography (3 hours)
 - POL 2223 American State and Local Government (3 hours)
 - PSY 1013 General Psychology (3 hours)
 - SOC 1003 Introductory Sociology (3 hours)
 - Social Science Elective in Economics, Sociology and Psychology (6 hours)
 - ECO 2003 LIFE Economics CAN BE INCLUDED in this category
- Professional Education Coursework (48 hours)
 - See B.S. Degree Certification in Content Areas, Grades 9-12, K-12

Courts Redford Division of Christian Ministry

Division Head: Ryan Griffith

Office: Jim Mellers Center; (417) 328-1770

Faculty: Don Denton, Duke Jones, Matt Kimbrough, Prosperly Lyngdoh, Kelly Malone, David Quackenbos

The Division of Christian Ministry offers four majors: Christian Ministry, Biblical Studies, Intercultural Studies, and Christian Studies. The first of these (Christian Ministry) offers a number of areas of concentration as described below. The Division also offers a number of minors and two associate degrees. Note: The Christian Studies major is tailored specifically as a second major for students whose first major is in another area (i.e., outside of the Christian Ministry Division). For Church Music (B.M. degree), see the listing under the Division of The Arts in the College of Arts and Social Sciences.

Courses in the division stress the development of ministry skills for pastors, Christian education ministers, youth ministers, children's ministers, other staff positions and missionaries, as well as for lay ministry. The division's purpose is to equip students for ministry in the local church and around the world. In addition to the general education, graduation, and core requirements, majors must complete the following requirements.

Mission Statement

The Courts Redford Division of Christian Ministry endeavors from a Christian perspective to teach students the Bible, our Christian heritage, and spiritual formation, and to prepare students for ministry.

Vision Statement

The Courts Redford Division of Christian Ministry accomplishes its mission by:

1. Providing introductory courses for each SBU student in the Bible and spiritual formation.
2. Providing an introduction to the basic tools of ministry.
3. Mentoring church vocation students to clarify their call and to live Christ-centered lives.
4. Preparing students to fulfill the Great Commission.

The Courts Redford Division of Christian Ministry is responsible for the academic programs in Christian Ministry, Biblical Studies (Bible, Theology), and Intercultural Studies. The division serves the university by offering courses required for graduation (BIB 1013/1213, BIB 1023/1223, SPF 2012, 2022, 2032).

Majors and Minors

The Division of Christian Ministry offers four majors, nine minors, and two associate degrees. A student may take more than one division major only with special permission and special course requirement limits.

Out of a commitment to continuous improvement of the student's undergraduate experience, the division assesses the learning process in a number of ways. These may include, but are not necessarily limited to, 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 students are expected to live a consistent Christian life based on biblical principles of conduct.

Residence Requirement

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

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

1. *Concentration in Pastoral Ministry – B.S. Degree (36 hours)*
 - a. Core (19 hours)
 - BIB 2093 Methods of Biblical Interpretation (3 hours)
 - CED 2033 Principles of Teaching in the Church (3 hours)
 - CHR 2011 Introduction to Christian Service (1 hour)
 - CHR 3073 Introduction to Disciple-making/Evangelism (3 hours)
 - THE 3113 Christian Doctrine (3 hours)
 - THE 3023 Baptist Heritage (3 hours)
 - THE 3773 Christian Heritage (3 hours)
 - b. Pastoral Ministry (17 hours)
 - Upper-level BIB/THE (3000 or 4000 level class) (3 hours)
 - CHR 3013 Introduction to Ministry (3 hours)
 - CED 3023 Church Administration (3 hours)
 - CHR 4003 Expository Preaching (3 hours)
 - CHR 4982 Christian Ministries Apprenticeship (2 hours)
 - *PSY elective, choose ONE from the following (3 hours)*
 - PSY 3313 Introduction to Counseling (3 hours)
 - PSY 4243 Pre-Marital Counseling (3 hours)
 - PSY 4363 Marriage and Family Counseling (3 hours)
2. *Concentration in Pastoral Ministry – B.A. Degree (42 hours)*
 - Take all hours for Pastoral Ministry B.S. degree but also take
 - Language Course – Graduation Requirement – Choose One
 - GRE 2013 and 2023 Elementary Greek I and II
 - HEB 2013 and 2023 Elementary Hebrew I and II
3. *Concentration in Children's Ministry – B.S. Degree (36 hours)*
 - a. Core (19 hours)
 - BIB 2093 Methods of Biblical Interpretation (3 hours)
 - CED 2033 Principles of Teaching in the Church (3 hours)
 - CHR 2011 Introduction to Christian Service (1 hour)
 - CHR 3073 Introduction to Disciple-making/Evangelism (3 hours)
 - THE 3113 Christian Doctrine (3 hours)
 - THE 3023 Baptist Heritage (3 hours)
 - THE 3773 Christian Heritage (3 hours)
 - b. Children's Ministry (17 hours)
 - CED 3023 Church Administration (3 hours)
 - CED 3043 Children's Ministry (3 hours)
 - CED 4982 Christian Education Apprenticeship (2 hours)
 - EDU 2232 Introduction to Early Childhood Education – *co-enroll with EDU 2381* (2 hours)
 - EDU 2332 Teaching the Young Child – *co-enroll with EDU 2381* (2 hours)

- EDU 2381 Early Childhood Practicum – *co-enroll with EDU 2232* (1 hour)
 - EDU 2391 Early Childhood Practicum, Lower Elementary grades 1-3 – *co-enroll with EDU 2332* (1 hour)
 - PSY 3053 Child Development or EDU 3043 Learner Development in the Classroom (3 hours)
4. *Concentration in Children's Ministry – B.A. Degree (42 hours)*
- Take all hours for Children's Ministry B.S. degree but also take
 - Language Course – Graduation Requirement – Choose One
 - GRE 2013 and 2023 Elementary Greek I and II
 - HEB 2013 and 2023 Elementary Hebrew I and II
5. *Concentration in Discipleship Ministry – B.S. Degree (36 hours)*
- a. Core (19 hours)
- BIB 2093 Methods of Biblical Interpretation (3 hours)
 - CED 2033 Principles of Teaching in the Church (3 hours)
 - CHR 2011 Introduction to Christian Service (1 hour)
 - CHR 3073 Introduction to Disciple-making/Evangelism (3 hours)
 - THE 3113 Christian Doctrine (3 hours)
 - THE 3023 Baptist Heritage (3 hours)
 - THE 3773 Christian Heritage (3 hours)
- b. Discipleship Ministry (17 hours)
- CED 3013 Youth Ministry in the Church (3 hours)
 - CED 3023 Church Administration (3 hours)
 - CED 3043 Children's Ministry (3 hours)
 - CED 4003 Adult Ministry in the Church (3 hours)
 - CED 4053 Youth Discipleship and Evangelism (3 hours)
 - CED 4982 Christian Education Apprenticeship (2 hours)
6. *Concentration in Discipleship Ministry – B.A. Degree (42 hours)*
- Take all hours for Discipleship Ministry B.S. degree but also take
 - Language Course – Graduation Requirement – Choose One
 - GRE 2013 and 2023 Elementary Greek I and II
 - HEB 2013 and 2023 Elementary Hebrew I and II
7. *Concentration in Youth Ministry – B.S. Degree (36 hours)*
- a. Core (19 hours)
- BIB 2093 Methods of Biblical Interpretation (3 hours)
 - CED 2033 Principles of Teaching in the Church (3 hours)
 - CHR 2011 Introduction to Christian Service (1 hour)
 - CHR 3073 Introduction to Disciple-making/Evangelism (3 hours)
 - THE 3113 Christian Doctrine (3 hours)
 - THE 3023 Baptist Heritage (3 hours)
 - THE 3773 Christian Heritage (3 hours)
- b. Youth Ministry (17 hours)
- CED 2003 Introduction to Christian Education (3 hours)
 - CED 3013 Youth Ministry in the Church (3 hours)
 - CED 3023 Church Administration (3 hours)
 - CED 4053 Youth Discipleship and Evangelism (3 hours)
 - CED 4982 Christian Education Apprenticeship (2 hours)

- PSY 4033 Adolescent Development (3 hours)
- 8. *Concentration in Youth Ministry – B.A. Degree (42 hours)*
 - Take all hours for Youth Ministry B.S. degree but also take
 - Language Course – Graduation Requirement – Choose One
 - GRE 2013 and 2023 Elementary Greek I and II
 - HEB 2013 and 2023 Elementary Hebrew I and II
- 9. *Concentration in Cross-Cultural Ministry – B.A. Degree (43-45 hours)*
 - a. Core (19 hours)
 - BIB 2093 Methods of Biblical Interpretation (3 hours)
 - CED 2033 Principles of Teaching in the Church (3 hours)
 - CHR 2011 Introduction to Christian Service (1 hour)
 - CHR 3073 Introduction to Disciple-making/Evangelism (3 hours)
 - THE 3113 Christian Doctrine (3 hours)
 - THE 3023 Baptist Heritage (3 hours)
 - THE 3773 Christian Heritage (3 hours)
 - b. Cross-Cultural Ministry (18 hours)
 - ICS 2013 Anthropology for Cross-Cultural Service (3 Hours)
 - ICS 3033 Introduction to Missions (3 Hours)
 - ICS 3023 Cross-Cultural Life & Service (3 Hours)
 - ICS 4313 World Religions (3 Hours)
 - ICS 4023 Introduction to Church Planting or ICS 4123 Urban Ministries (3 hours)
 - Electives: choose ONE from the following (3 hours)
 - COM 3333 Intercultural Communication (3 hours)
 - ICS Elective (3 hours)
 - or Upper-level BIB/THE (3000/4000 level class) (3 hours)
 - c. Two courses in a modern foreign language (6-8 hours)

Intercultural Studies Major – B.A. Degree

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

1. The ICS Core classes that emphasize cultural understanding, personal growth, theological truth, and cross-cultural communication of the biblical message
2. A four-to-six month Semester Abroad which immerses the student in cross-cultural experience, language learning, practical service, and on site learning in cultural research and intercultural interpretation of the Bible

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

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

Intercultural Studies Major (49 hours)

- a. Core (19 hours)
 - BIB 2093 Methods of Biblical Interpretation (3 hours)
 - CED 2033 Principles of Teaching in the Church (3 hours)
 - CHR 2011 Introduction to Christian Service (1 hour)

- CHR 3073 Introduction to Disciple-making/Evangelism (3 hours)
- THE 3113 Christian Doctrine (3 hours)
- THE 3023 Baptist Heritage (3 hours)
- THE 3773 Christian Heritage (3 hours)
- b. Intercultural Studies Major (21 hours)
 - ICS 2013 Anthropology for Cross-Cultural Service (3 hours)
 - ICS 3023 Cross-cultural Life and Service (3 hours)
 - ICS 3033 Introduction to Missions (3 hours)
 - ICS 4023 Indigenous Christian Community (3 hours) *or* ICS 4123 Urban Ministries (3 hours)
 - ICS 4313 World Religions (3 hours)
 - ICS Semester Abroad (6 hours)
 - ICS 4063 Ethnography and Spirituality (3 hours)
 - ICS 4983 Apprenticeship Practicum (3 hours)

ICS Semester Abroad

The student will travel overseas for four-to-six months (normally June to December). Destination sites will be approved by the ICS faculty. The cost of this trip will be paid by the student. *Note:* If the student is married, the spouse must participate in this overseas experience as well. The student will serve as an apprentice under a career cross-cultural worker. The student will conduct coursework during the semester abroad, and thus a laptop computer is required. The student will take the four classes listed below. Note that the first two of the classes are part of the ICS major requirement, whereas the last two qualify as Graduation/General Education requirements. The Semester Abroad classes are:

- ICS 4063 Ethnography and Spirituality (3 hours)
- ICS 4983 Apprenticeship Practicum (3 hours)
- ICS 2218 Language Learning in Context (8 hours; Graduation requirement)
- ICS 2911 Cross-Cultural Service Project (1 hour; General Education requirement)

Biblical Studies Major – B.A. Degree (43 hours)

- Core (19 hours)
 - BIB 2093 Methods of Biblical Interpretation (3 hours)
 - CED 2033 Principles of Teaching in the Church (3 hours)
 - CHR 2011 Introduction to Christian Service (1 hour)
 - CHR 3073 Introduction to Disciple-making/Evangelism (3 hours)
 - THE 3113 Christian Doctrine (3 hours)
 - THE 3023 Baptist Heritage (3 hours)
 - THE 3773 Christian Heritage (3 hours)
- Bible courses – Four upper-level BIB classes (3000/4000 level; minimum requirement of one course in Old and New Testament) (12 hours)
- Theology courses – Two upper-level THE classes (3000/4000 level) (6 hours)
- Language Course – Graduation Requirement – Choose One Sequence (6 hours)
 - i. GRE 2013 and 2023 Elementary Greek I and II
 - ii. HEB 2013 and 2023 Elementary Hebrew I and II

Christian Studies Major – B.A. or B.S. Degree (31 hours)

The Christian Studies Major is designed to give students majoring in another field within the university, but outside of the Division of Christian Ministry, a broad overview of the various disciplines within theological and ministry studies. A student may not major in Christian Studies as a standalone major or as a second major along with another major within the Division of Christian Ministry. The intention is to

prepare students for either ministry in the local church or community or for the pursuit of graduate studies in either theology or ministry after graduation. It is ideal for students who wish to prepare for bi-vocational ministry.

Christian Studies Core (19 hours)

- BIB 2093 Methods of Biblical Interpretation (3 hours)
- CED 2033 Principles of Teaching in the Church (3 hours)
- CHR 2011 Introduction to Christian Service (1 hour)
- CHR 3073 Introduction to Disciple-making/Evangelism (3 hours)
- THE 3113 Christian Doctrine (3 hours)
- THE 3023 Baptist Heritage (3 hours)
- THE 3773 Christian Heritage (3 hours)

Electives from Christian Ministry (12 hours)

- 2 courses from BIB/THE (3000/4000 level) or 2 language courses (either GRE 2013/2023 or HEB 2013/2023)
- 2 courses from CED, CHR, or ICS (6 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, Theology, or Youth Ministry.

Biblical Studies (18 hours)

- Bible courses – Six BIB classes (BIB 2093 or 3000/4000 level)

Biblical Language (18 hours)

- GRE 2013, 2023 Elementary Greek (6 hours)
- HEB 2013, 2023 Elementary Hebrew (6 hours)
- HEB or GRE Upper-level (6 hours)

Children's Ministry (18 hours)

- CED 2003 Introduction to Christian Education (3 hours)
- CED 2033 Principles of Teaching in the Church (3 hours)
- CED 3043 Children's Ministry in the Church (3 hours)
- EDU 2232 Introduction to Early Childhood – *co-enroll with EDU 2381* (2 hours)
- EDU 2332 Teaching the Young Child – *co-enroll with EDU 2391; spring after EDU 2232 and EDU 2381* (2 hours)
- EDU 2381 Early Childhood Practicum – *co-enroll with EDU 2232* (1 hour)
- EDU 2391 Early Childhood Practicum, Lower Elementary grade 1-3 – *co-enroll with EDU 2332* (1 hour)
- PSY 3053 Child Development or EDU 3043 Learner Development in the Classroom (3 hours)

Discipleship Ministry (18 hours)

- CED 2003 Introduction to Christian Education (3 hours)
- CED 2033 Principles of Teaching in the Church (3 hours)
- CED 3023 Church 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 (17 hours)

- ICS Elective (3 hours)
- One elective from ICS, CED, CHR, BIB, or THE (BIB/THE 3000/4000 level)
- CED 2033 Principles of Teaching in the Church (3 hours)
- CHR 3073 Introduction to Disciple-making/Evangelism (3 hours)
- CHR 4053 Youth Discipleship and Evangelism (3 hours)
- CHR 4982 Christian Ministries Apprenticeship (2 hours)

Cross-Cultural Ministry (20 hours)

Students interested in cross-cultural ministry but who major in another academic discipline may still complete a Minor in Cross-Cultural Ministry. The Minor includes several ICS Core classes as well as several optional classes, but it does not include the four-to-six month Semester Abroad.

- ICS 3033 Introduction to Missions (3 hours)
- ICS 4313 World Religions (3 hours)
- ICS Electives – *any two courses* (6 hours)
 - ICS 2013 Anthropology for Cross-Cultural Service
 - ICS 3023 Cross-Cultural Life and Service
 - ICS 4023 Indigenous Christian Community
 - ICS 4123 Urban Ministries
 - ICS 4343 Islamic Studies
- ICS 291(1-2) Cross-Cultural Service Project (2 hours)
 - Either two ICS 291I projects to different cultures (one of which must be international) or ICS 2912 which is an international cross-cultural project at least six weeks in length.
- Two electives – *must include at least one Bible course* (6 hours)
 - BIB elective, CHR 3073, ICS elective, or THE 3113

Pastoral Ministry (17 hours)

- CED 2033 Principles of Teaching (3 hours)
- CED 3023 Church Administration (3 hours)
- CHR 3013 Introduction to Ministry (3 hours)
- CHR 3073 Introduction to Disciple-Making/Evangelism (3 hours)
- CHR 4003 Expository Preaching (3 hours)
- CHR 4982 Christian Ministries Apprenticeship (2 hours)

Theology (18 hours)

- BIB 2093 Methods of Biblical Interpretation (3 hours)
- THE 3113 Christian Doctrine (3 hours)

Theology courses – Four additional THE classes (3000/4000 level) (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 Administration (3 hours)

- CED 4053 Youth Discipleship and Evangelism (3 hours)
- PSY 4033 Adolescent Development (3 hours)

Associate Degrees

The Courts Redford Division of Christian Ministry houses the A.A. and A.S. in Ministry degrees.

Associate of Arts in Ministry

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

- General Education Requirements (42 hours)
- Graduation Requirements – includes a foreign language (16-18 hours)
- BIB 2093 Methods of Biblical Interpretation (3 hours)
- CED 2033 Principles of Teaching (3 hours)
- CHR 3073 Introduction to Disciple-Making/Evangelism (3 hours)
- Division of Christian Ministry electives (9 hours)

Associate of Science in Ministry

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

- General Education Requirements (42 hours)
- Graduation Requirements (10 hours)
- BIB 2093 Methods of Biblical Interpretation (3 hours)
- CED 2033 Principles of Teaching (3 hours)
- CHR 3073 Introduction to Disciple-Making/Evangelism (3 hours)
- Division of Christian Ministry electives (15 hours)

College of Natural and Applied Sciences

John Murphy, Dean Office:
Wheeler 100-B; (417) 328-1682

Divisions Within the College

- Natural Sciences
- Kinesiology
- Physical Therapy

Mission Statement

The SBU College of Natural and Applied Sciences (CNAS) 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 Natural and Applied Sciences pursues excellence by:

- serving our diverse population of undergraduate majors and non-majors as well as graduate majors in broadening their scientific knowledge and integrating Christian faith with scientific disciplines;
- preparing students for continued scholarship and positions of leadership from a Christian perspective in occupations that are impacted directly by our college;
- providing leadership in the uses of technology to enhance teaching and research and in communicating technology's role to our students, the university community, and society; and
- promoting scholarship of the faculty by encouraging pursuit of advanced degrees, continuing professional development, research, and professional presentations and publications

Division of Natural Sciences

Division Head: John Murphy
Office: Wheeler 100-B; (417) 328-1995

Mission Statement

The SBU Division of Natural Sciences 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 Division of Natural Sciences pursues excellence by:

- serving our diverse population of undergraduate majors and non-majors as well as graduate majors in broadening their scientific knowledge and integrating Christian faith with scientific disciplines;
- preparing students for continued scholarship and positions of leadership from a Christian perspective in occupations that are impacted directly by our college;
- providing leadership in the uses of *technology* to enhance teaching and research and in communicating technology's role to our students, the university community, and society; and
- promoting scholarship of the faculty by encouraging pursuit of advanced degrees, continuing professional development, research, and professional presentations and publications.

The Division of Natural Sciences provides courses and programs designed to prepare students for careers and/or graduate study in Biology, Chemistry, 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.

Area of Biology

Faculty: Michael Dickerson, Craig Endres, John Murphy, Dennis Siegfried

Faculty Associate: Elsy Shuford

Lab Assistant: Kate McDonald

Mission Statement

The Southwest Baptist University Area 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 Area of Biology aspires to be a community of Christian scholars who:

- Implement and maintain a strong, broad-based curriculum for biology majors to prepare them for a career in the life sciences
- Offer quality instruction by incorporating pedagogy that blends traditional methods and discovery-based learning with modern instructional technology
- Provide quality academic advising and career counseling
- Provide to non-science majors a strong foundation in the life sciences that will meet the needs of their respective disciplines

The Area of Biology presents a fundamental and practical knowledge of living organisms, their relationships to each other and their places in the scientific world. The Area 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, University graduation requirements, the biology core curriculum, additional selected biology courses and required support courses. *Note:* Students majoring or minoring in biology will not be permitted to select the pass/fail option for any required course in the major or minor. Biology majors must take the Major Field Assessment Test (MFT) for graduation. An overall grade point average of 2.25 is required in all biology courses and required support courses.

Associates of Applied Science in Production Agriculture

Associate of Applied Science (A.A.S.) degree students in agriculture 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 67 credit hours must be earned for an Associate of Applied Science Degree.

- AGR 1114 Introduction to Soil Science
- AGR 1124 Introduction to Animal Science
- AGR 1433 Introduction to Unmanned Aerial Systems
- AGR 2244 Principles of Forage and Pasture Management
- AGR 2404 Livestock Evaluation
- AGR 2444 Beef Production and Management
- AAGR 3244 Principles of Crop Production
- AGR 4403 Principles of Ruminant Nutrition
- AGR 4244 Integrated Crop Management
- AGR 4442 Farm and Ranch Planning

Core Biology Curriculum

The following courses are required of all graduating biology majors. These courses (23 hours) provide an essential foundation for more specialized study.

- 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 area core curriculum, biology majors must complete a 16-hour concentration from one of the areas listed below.

Biomedical Science (Pre-Health Professional, Graduate Studies)

- BIO 2204 Human Anatomy and Physiology I (4 hours)
- BIO 3304 Human Anatomy and Physiology II (4 hours)
- *Electives chosen from the following* (8 hours)
 - BIO 3314 Microbiology
 - BIO 3322 Immunology
 - BIO 3344 Vertebrate Physiology
 - BIO/CHE 3364 Biochemistry
 - BIO 3384 Histology
 - BIO 3394 Pathogenic Microbiology
 - BIO 4404 Pathophysiology
 - BIO 4444 Vertebrate Embryology
 - BIO 448(1-3) Biological Investigations
 - BIO 498(1-3) Biological Internship

Environmental Biology/Field Biology

- BIO 2214 Environmental Biology (4 hours)
- BIO 3544 Wildlife Biology (4 hours)
- *Electives chosen from the following* (8 hours)
 - BIO 3314 Microbiology
 - BIO 3354 Plant Taxonomy
 - BIO 4414 Freshwater Biology
 - BIO 448(1-4) Biological Investigations
 - BIO 498(1-3) Biological Internship
 - CHE 3002 Environmental Chemistry

General Biology

- Electives – 12 hours must be 3000 level or above (16 hours)

Biology Major – B.A. Degree

Students seeking the B.A. degree in biology must complete 40 or more semester hours in biology course work. In addition to the biology core curriculum, B.A. biology majors are required to complete the listed support courses. Prerequisites are needed for some courses.

- General Education Requirements (42 hours)
- Graduation Requirements (16-18 hours)
- Biology Core Curriculum (24 hours)

- Biology Concentration (16 hours)
- Required Support Courses (12 hours)
 - CHE 1114/CHE 1111 *and* CHE 1124/CHE 1121 General Chemistry I and Lab *and* General Chemistry II and Lab (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 1114/CHE 1111 *and* CHE 1124/CHE 1121 General Chemistry I and Lab *and* General Chemistry II and Lab (10 hours)
 - SCF 3402 Biology Through the Eyes of Faith (2 hours)
 - *Choose one of the following options:*
 - CHE 3304 *and* CHE 3314 Organic Chemistry I *and* Organic Chemistry II (8 hours)
 - PHY 1114/PHY 1111 *and* PHY 1124/PHY 1121 General Physics I *and* General Physics II (10 hours)
 - MAT 1195 *and* MAT 2255 Calculus I *and* Calculus II (10 hours)
 - CIS 1144 *and* CIS 1154 Computer Science I *and* Computer Science II (8 hours)

Biology Major – B.S. (Education) Degree

This B.S. degree will allow students to pursue a career in teaching biology at the high school level in a timely fashion. Designated coursework in biology combined with specified courses in the physical science area and the professional education sequence will enable the biology education major to be certified in biology. This program requires a minimum of 137 semester hours of coursework. A biology education major is required to take the Major Field Test (MFT) in biology. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in Biology coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Area of Biology and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Division of Education – Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

- Biology Education Courses (33 hours)
 - 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 1114/CHE 1111 General Chemistry I and Lab (5 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)
 - *PHS 1003 Introduction to Physical Science (3 hours)/PHS 1001 Introduction to Physical Science Lab (1 hour)

- Additional Required Courses (7 hours)
 - PHS 1113 Introduction to Earth Science (3 hours)/PHS 1111 Introduction to Earth Science Lab (1 hour)
 - PHS 3303 History & Philosophy of Science and Technology (3 hours)
- Professional Education Coursework (47 hours)
 - See B.S. Degree Certification in Content Areas, Grades 9-12, K-12

* PHY 1114/PHY 1111 and PHY 1124/PHY 1121 may be substituted for PHS 1003/PHS 1001

Agriculture Minor (21 hours)

The minor in agriculture provides a solid foundation of principles and practices in agriculture. This minor is heavily based on field and laboratory experience and does not require other sciences as prerequisites. Students in this minor will be required to sign a safety waiver to be allowed to participate in the laboratory experiences. An overall

2.00 grade point average is required for all agriculture coursework.

- AGR 1114 -- Introduction to Soil Science (4 hours)
- AGR 2244 -- Principles of Forage and Pasture Management (4 hours)
- AGR 2444 -- Beef Production and Management (4 hours)
- AGR 3244 -- Principles of Crop Production management (4 hours)
- AGR 4403 -- Principles of Ruminant Nutrition (3 hours)
- AGR 4442 -- Farm and Ranch Planning (2 hours)

Biology Minor (21 hours)

- BIO 2134 General Zoology (4 hours)
- BIO 2234 General Botany (4 hours)
- BIO 4471 Seminar in Biology (1 hour)
- Biology electives (12 hours)

Area of Chemistry and Physics

Faculty: Isaac Corn, Jacob Immel, James Sly, Jenna Whetstone

Mission Statement

The Southwest Baptist University Area 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 Area 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 Area 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 Area of Chemistry and Physics also administers the program in Pre-Engineering and is responsible for the curriculum in Physical Science.

Biochemistry

The baccalaureate degree in biochemistry requires a minimum of 128 semester hours of credit to be earned by the completion of the University general education and graduations requirements, the required biochemistry curriculum, additional elective courses, required support courses, and other general electives. An overall grade point average of 2.0 is required in all science coursework.

Biochemistry Major – B.S. Degree

The following courses are required of all graduating biochemistry majors. These courses (76 semester hours) provide an essential foundation for more specialized study. A minimum grade of C is required in all core courses.

- Biochemistry Required Core Courses (48 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab (5 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)
 - BIO/CHE 3012 Methods of Scientific Research (2 hours)
 - CHE 3304 Organic Chemistry I (4 hours)
 - CHE 3314 Organic Chemistry II (4 hours)
 - CHE 3323 Physical Chemistry (3 hours)
 - CHE 3345 Analytical Chemistry (5 hours)
 - CHE/BIO 3364 Biochemistry (4 hours)
 - CHE 3371 Seminar in Chemistry I (1 hour)
 - CHE/BIO 4104 Biochemistry II (4 hours)
 - CHE 4412 Advanced Chemistry Lab (2 hours) or
At least 2 hours of Research credit CHE 448_
 - BIO 3324 Genetics (4 hours)
 - BIO 4224 Cellular and Molecular Biology (4 hours)
 - CHE 4471 Seminar in Chemistry II or BIO 4471 Biology Seminar (1 hour)
- Required Support Courses (20 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - Choose one of the following options:
 - PHY 1114/ PHY 1111 and PHY 1124/PHY 1121 General Physics I and General Physics II (10 hours)
 - PHY 2214/PHY 2211 and PHY 2224/PHY 2221 University Physics I and Lab and University Physics II and Lab(10 hours)
 - SCF 3412 Chemistry Through the Eyes of Faith (2 hours)
- Additional Requirements (8 hours)
 - Additional hours in BIO or CHE courses (8 hours)

Chemistry

The baccalaureate degree in chemistry requires a minimum of 128 semester hours of credit to be earned by completion of the University general education and graduation requirements, the required core chemistry curriculum, additional selected upper division chemistry courses, required support courses, plus general and/or technical electives. An overall grade point average of 2.0 is required in all chemistry course work.

To receive a degree in chemistry and be certified to teach chemistry and other sciences in Missouri, the student must also satisfy the Division of Education's other requirements for certification. Science education students are encouraged to obtain a B.S. Chemistry degree.

Chemistry Curriculum

The following courses are required of all graduating chemistry majors. These courses (65 semester hours) provide an essential foundation for more specialized study. A minimum grade of C is required in all core courses.

- Chemistry Required Core Courses (37 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab (5 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)
 - CHE 3304 Organic Chemistry I (4 hours)
 - CHE 3314 Organic Chemistry II (4 hours)
 - CHE 3323 Physical Chemistry (3 hours)
 - CHE 3345 Analytical Chemistry (5 hours)
 - CHE/BIO 3364 Biochemistry (4 hours)
 - CHE 3371 Seminar in Chemistry I (1 hour)
 - CHE 4412 Advanced Chemistry Lab (2 hours) or
At least 2 hours of Research credit CHE 448
 - CHE 4413 Advanced Inorganic Chemistry (3 hours)
 - CHE 4471 Seminar in Chemistry II (1 hour)
- Required Support Courses (20 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - Choose one of the following options:
 - PHY 1114/PHY 1111 and PHY 1124/ PHY 1121 General Physics I and General Physics II (10 hours)
 - PHY 2214/ PHY 2211 and PHY 2224/PHY 2221 University Physics I and Lab and University Physics II and Lab (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 37 or more semester hours of chemistry coursework, including the required 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 area Chemistry Core Curriculum Assessment Test (ChemCAT) for graduation.

Chemistry Major - B.S. Degree

This chemistry major program prepares students for employment as chemists, for professional schools in the health sciences, or for other technical areas needing a strong chemistry/science background. Students interested in pursuing graduate work in chemistry will be encouraged to take additional math courses, a special topics lab course, and undergraduate chemistry research. Students seeking the B.S. major in chemistry must complete 37 or more semester hours in chemistry coursework, the required support courses, and a minimum of eight semester hours of upper level chemistry electives or approved alternatives. As additional graduation requirements, B.S. degree chemistry majors must take the Major Field Assessment Test (MFT) and the area Chemistry Core Curriculum Assessment Test (ChemCAT) for graduation.

- Upper Division Chemistry Electives (8 or more hours)
 - Any upper-level CHE class that is not part of the required core classes
 - PHY 3361 Modern Physics Lab (1 hour)
 - PHY 3363 Modern Physics I (3 hours)
 - BIO 4224 Cellular and Molecular Biology (4 hours)

Minor in Chemistry

To obtain a chemistry minor, the student must complete 24 hours of coursework from the chemistry core curriculum, excluding CHE 4471.

Chemistry Major – B.S. (Education) Degree

This unique B.S. degree in Chemistry Education has been approved by the Missouri State Department of Elementary and Secondary Education. Designated coursework in chemistry combined with specified courses in the physical science area and the professional education sequence will enable the chemistry education major to be certified in chemistry. This program requires a minimum of 133 semester hours of coursework. As additional graduation requirements, B.S. chemistry education majors must take the Major Field Test (MFT) in chemistry and the area Chemistry Core Curriculum Assessment Test (ChemCAT) for graduation. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in Chemistry coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Area of Chemistry and Physics and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Division of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

- Chemistry Education Courses (30 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab (5 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)
 - CHE 3002 Environmental Chemistry (2 hours)
 - CHE 3304 Organic Chemistry I (4 hours)
 - CHE 3314 Organic Chemistry II (4 hours)
 - CHE 3345 Analytical Chemistry (5 hours)
 - CHE 3364 Biochemistry (4 hours)
 - CHE 3371 Seminar in Chemistry I (1 hour)
- Required Support Courses (17 hours)
 - MAT 1195 Calculus I (5 hours)
 - Choose one of the following options:
 - PHY 1114/PHY 1111 and PHY 1124/PHY 1121 General Physics I and General Physics II (10 hours)
 - PHY 2214/PHY 2211 and PHY 2224/PHY 2221 University Physics I and Lab and University Physics II and Lab (10 hours)
 - SCF 3412 Chemistry Through the Eyes of Faith (2 hours)
- Additional Physical Science Courses (7 hours)
 - PHS 1113 Introduction to Earth Science (3 hours)/ PHS 1111 Introduction to Earth Science Lab (1 hour)
 - PHS 3303 History & Philosophy of Science and Technology (3 hours)
- Professional Education Coursework (47 hours)
 - See B.S. Degree Certification in Content Areas, Grades 9-12, K-12

Forensic Chemistry Major – B.S. Degree

The following courses are required of all graduating forensic chemistry majors. These courses (72 semester hours) provide an essential foundation for more specialized study. A minimum grade of C is required in all core courses.

- Forensic Required Core Courses (43 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab (5 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab (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 3364 Biochemistry (4 hours)
- CHE 3371 Seminar in Chemistry I (1 hour)
- CHE 4333 Analysis of Evidence (3 hours)
- CHE 4413 Advanced Inorganic Chemistry (3 hours)
- CHE 4471 Seminar in Chemistry II (1 hour)
- BIO 3324 Genetics or BIO 4224 Cellular and Molecular Biology (4 hours)
- Required Support Courses (20 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - Choose one of the following options:
 - PHY 1114/PHY 1111 and PHY 1124/PHY 1121 General Physics I and General Physics II (10 hours)
 - PHY 2214/PHY 2211 and PHY 2224/PHY 2221 University Physics I and Lab and University Physics II and Lab (10 hours)
 - SCF 3412 Chemistry Through the Eyes of Faith (2 hours)
- Additional Criminal Justice Requirements (9 hours)
 - CRJ 2313 Introduction to Criminal Justice (3 hours)
 - Take two of the following three courses:
 - CRJ 2333 Judicial Process (3 hours)
 - CRJ 4333 Criminal Law (3 hours)
 - CRJ 4373 Police Methods and Procedures (3 hours)

Physics

The baccalaureate degree in physics requires a minimum of 129 semester hours of credit to be earned by completion of the University general education and graduation requirements, the required physics and physical sciences courses, required support courses, plus general and/or technical electives. An overall grade point average of 2.0 is required in all physics course work. Three options exist: the B.S. in Engineering Physics, the B.S. in Physics, and the B.S. in Physics with a Pre-Engineering concentration. The engineering physics major is designed to prepare students to enter the workforce with a high level of technical skills or to enter a graduate program in either physics or many fields of engineering. The physics major is required to be a secondary major and cannot be taken alone. The pre-engineering concentration requires a student to attend an approved engineering school to complete the program. Additional information on the pre-engineering program is outlined below.

Engineering Physics Major – B.S. Degree

The following courses are required for engineering physics majors. These courses (84 semester hours) provide a comprehensive study in undergraduate physics with a strong emphasis in engineering. A minimum grade of C is required in all courses.

- Physics Required Courses (40 hours)
 - PHY 2214/PHY 2211 University Physics I and Lab (5 hours)
 - PHY 2224/PHY 2221 University Physics II and Lab (5 hours)
 - PHY 2314 Introduction to Engineering (4 hours)
 - PHY 3233 Statics (3 hours)

- PHY 3231 Statics Laboratory (1 hour)
- PHY 3263 Mathematics for Science and Engineering I (3 hours)
- PHY 3323 Optics (3 hours)
- PHY 3321 Optics Laboratory (1 hour)
- PHY 3363 Modern Physics I (3 hours)
- PHY 3361 Modern Physics Laboratory (1 hour)
- PHY 3464 Analog & Digital Electronics (4 hour)
- PHY 4233 Dynamics (3 hours)
- PHY 4413 Electricity and Magnetism I (3 hours)
- PHY 4411 Electricity and Magnetism Laboratory (1 hour)
- Required Support Courses (38 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab (5 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)
 - CIS 1144 Computer Science I (4 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 2255 Calculus II (5 hours)
 - MAT 2263 Calculus III (3 hours)
 - MAT 3323 Linear Algebra (3 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - MAT/CIS 4433 Numerical Methods (3 hours)
 - SCF 3432 Physics Through the Eyes of Faith (2 hours)
- Elective courses, select 2 of the following courses: (6 hours)
 - CHE 3323 Physical Chemistry (3 hours)
 - PHY 3953 Special Topics in Physics (3 hours)
 - PHY 4263 Mathematics for Science & Engineering II (3 hours)
 - PHY 4363 Modern Physics II (3 hours)
 - PHY 4373 Quantum Mechanics (3 hours)
 - PHY 4423 Electricity & Magnetism II (3 hours)

Physics Major – B.S. Degree

The following courses are required for physics majors. These courses (60-62 semester hours) provide an essential foundation for more specialized study. A minimum grade of C is required in all courses. This is a secondary major only. The most common program that this major is paired with is math.

- Physics Required Courses (25 hours)
 - PHY 2214/PHY 2211 University Physics I and lab (5 hours)
 - PHY 2224/PHY 2221 University Physics II and lab (5 hours)
 - PHY 3233 Statics (3 hours)
 - PHY 3231 Statics Laboratory (1 hour)
 - PHY 3263 Mathematics for Science and Engineering I (3 hours)
 - PHY 3363 Modern Physics I (3 hours)
 - PHY 3361 Modern Physics Laboratory (1 hour)
 - PHY 4413 Electricity and Magnetism I (3 hours)
 - PHY 4411 Electricity and Magnetism Lab (1 hour)
- Required Support Courses (29 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab (5 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)

- CIS 1114 Computer Science I (4 hours)
- MAT 1195 Calculus I (5 hours)
- MAT 2255 Calculus II (5 hours)
- MAT 2263 Calculus III (3 hours)
- SCF 3432 Physics Through the Eyes of Faith (2 hours)
- Elective Courses – select two of the following courses (6-8 hours)
 - CHE 3323 Physical Chemistry (3 hours)
 - PHY 2314 Introduction to Engineering (4 hours)
 - PHY 3323 Optics & Optics Laboratory & PHY 3321 (4 hours)
 - PHY 3464 Analog & Digital Electronics (4 hours)
 - PHY 3953 Special Topics in Physics (3 hours)
 - PHY 4233 Dynamics (3 hours)
 - PHY 4263 Mathematics for Science & Engineering II (3 hours)
 - PHY 4363 Modern Physics II (3 hours)
 - PHY 4373 Quantum Mechanics (3 hours)
 - PHY 4423 Electricity & Magnetism II (3 hours)

Physics Major – B.S. Degree – 3-2 Pre-Engineering Concentration

Southwest Baptist University, in cooperation with the Missouri University of Science and Technology, has a program in which students attend SBU for the first three years before transferring to Missouri S&T to complete a B.S. degree in one of the following engineering programs: aerospace, ceramic, chemical, civil, electrical, geological, mechanical, metallurgical, mining, nuclear or petroleum engineering. This is considered a 3-2 Pre-Engineering program. Upon completion of the Engineering requirements, SBU graduation requirements (must be taken at SBU), the following SBU course requirements, and the SBU general education requirements, students will be eligible to also receive a B.S. in Physics from SBU. While the current agreement with Missouri University of Science and Technology is the preferred method to obtain a degree with the 3-2 Pre-Engineering program, other engineering schools will be considered.

The following courses are required for physics majors in the 3-2 Pre-Engineering Concentration. These courses (57 semester hours) provide an essential foundation for more specialized study. A minimum grade of C is required in all courses. This course of study does not require a second major, as this requirement will be covered by the second degree at the engineering school.

- Physics Required Courses (26 hours)
 - PHY 2214/PHY 2211 University Physics I and lab (5 hours)
 - PHY 2224/PHY 2221 University Physics II and lab (5 hours)
 - PHY 2314 Introduction to Engineering (4 hours)
 - PHY 3233 Statics (3 hours)
 - PHY 3231 Statics Laboratory (1 hour)
 - PHY 3363 Modern Physics I (3 hours)
 - PHY 3361 Modern Physics Laboratory (1 hour)
 - PHY 4413 Electricity and Magnetism I (3 hours)
 - PHY 4411 Electricity and Magnetism Laboratory (1 hour)
- Required Support Courses (32 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab (5 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)
 - CIS 1114 Computer Science I (4 hours)

- *MAT 1195 Calculus I (5 hours)
- MAT 2255 Calculus II (5 hours)
- MAT 2263 Calculus III (3 hours)
- MAT 3363 Differential Equations (3 hours)
- SCF 3432 Physics Through the Eyes of Faith (2 hours)

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

Electives in the humanities and social science differ depending on the particular field of engineering; however, they are usually taken from Bible, Communications, Economics, Fine Arts, History, Psychology/Sociology or Literature. Six semester hours must be in upper division courses to give depth to one or two areas.

Note: 3-2 pre-engineering students should work closely with the pre-engineering advisors (Dr. Craig Masters – Associate Professor of Physics or Dr. Perry A. Tompkins – Professor of Physics) to facilitate any course modification among specific engineering programs.

Minor in Physics

An overall 2.00 grade point average is required for all physics/physical science coursework.

Meteorology (PHS 2214) or Astronomy (PHS 2313/PHS 2311) may be substituted for the physics elective course.

- Physics/Physical Science Courses (19-20 hours)
 - PHY 2214/PHY 2211 University Physics I and lab (5 hours)
 - PHY 2224/PHY 2221 University Physics II and lab (5 hours)
 - PHY 3363 Modern Physics I (3 hours)
 - PHY Physics Elective (3-4 hours)
 - CHE 3323 Physical Chemistry (3 hours)
- Required Support Courses (22 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab (5 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)
 - *MAT 1195 Calculus I (5 hours)
 - MAT 2255 Calculus II (5 hours)
 - SCF 3432 Physics Through the Eyes of Faith (2 hours)

Pre-Professional Studies

Biology Major: Pre-Physical Therapy

The Biology Area 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 Division of Physical Therapy, Southwest Baptist University, Bolivar, MO, 65613, (417) 328 1672. Admissions to the SBU DPT program is based on competitive applications. Completion of the Biology Major: Pre Physical Therapy should not be construed as a guaranteed acceptance into the SBU DPT program, nor does it guarantee acceptance into physical therapy programs not associated with SBU. Students selecting this major are strongly encouraged to keep in close contact with both their Biology Area Advisor and the DPT Admission Coordinator beginning with their first year of study. The typical program of study is shown below.

First Year

- Fall Semester
 - UNI 1111 University Seminar (1 hour)
 - BIO 1003 Principles of Biology (3 hours)
 - BIO 1001 Principles of Biology Lab (1 hour)
 - ENG 1113 English Composition I # (3 hours)
 - MAT 1243 Algebraic Reasoning and Modeling # (3 hours)
 - BIB 1013 Old Testament History (3 hours)
- Spring Semester
 - UNI 1121 Introduction to Critical Thinking (1 hour)
 - BIO 2134 General Zoology (4 hours)
 - ENG 2213 English Composition II (3 hours)
 - CIS 1103 Computer & Information Management (3 hours)
 - BIB 1023 New Testament History (3 hours)
 - KIN 1162 Foundations of Physical Fitness/Wellness (2 hours)

Second Year

- Fall Semester
 - BIO 2204 Human Anatomy and Physiology I* (4 hours)
 - CHE 1114/CHE 1111 General Chemistry I and Lab* (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 Semester
 - BIO 3304 Human Anatomy and Physiology II* (4 hours)
 - CHE 1124/CHE 1121 Chemistry II and Lab* (5 hours)
 - HIS 22(1-2)3 History of the United States, 1492-1865 or 1865-Present (3 hours)
 - Cultural Studies Elective (2 hours)
 - Elective (3 hours)

Third Year

- Fall Semester
 - PHY 1114/PHY 1111 General Physics I and Lab* (5 hours)
 - BIO 2234 General Botany (4 hours)
 - BIO 3012 Methods in Scientific Research (2 hours)
 - PSY ____ Psychology Elective (3 hours)
 - FAR 10(0-3)3 Fine Arts Elective (3 hours)
- Spring Semester
 - PHY 1124/PHY 1121 General Physics II and Lab* (5 hours)
 - BIO 4404 Pathophysiology** (4 hours)
 - BEH 2243 Statistics* (3 hours)
 - Electives (2 hours)

Fourth Year

- Fall Semester
 - BIO 3324 Genetics (4 hours)
 - BIO 4471 Biology Seminar (1 hour)
 - POL 1113 American Government (3 hours)
 - Biology Elective (4 hours)

- Elective (3 hours)
- Spring Semester
 - BIO 3334 Introduction to Ecology (4 hours)
 - BIO 4224 Cell and Molecular Biology (4 hours)
 - ECO 2003 LIFE Economics (3 hours)
 - Electives (6 hours)

Placement in this course depends on ACT, SAT, or CLT scores

* Prerequisite for DPT

** Strongly recommended but not required for DPT

^ Submit completed DPT graduate school application packet including GRE scores

Pre-Health Programs

Although SBU does not offer majors in pre-health programs, students can become well-qualified for acceptance into one of the professional schools of the health sciences.

Plans of study are available for students pursuing entry into schools of dentistry, medicine, osteopathy, optometry, veterinary medicine, pharmacy, physician's assistant, or medical technology as well as other areas. Pre-professional programs for the health sciences vary in length from one to four years depending on the specific area of interest.

Also, admission requirements are so varied that it is not possible to give detailed plans of study for each area of interest. Students need to be aware of the specific admission requirements of the professional school(s) to which they intend to apply and to select a plan of study accordingly. Students are strongly urged to work closely with their faculty academic advisors and the SBU Pre-Health Careers Committee on the selection of courses, the sequence in which the courses are taken, and on the fulfillment of the admission requirements of the chosen professional program(s).

Students applying to professional schools need to be aware of the deadlines established by the professional schools and testing organizations for submitting application materials and taking admissions examinations. The student is responsible for meeting these deadlines and for any fees associated with the application process or admission testing.

Students interested in pursuing a pre-health program at SBU should identify themselves with the SBU Pre-Health Careers Committee at the earliest possible date. The Pre-Health Careers Committee serves to counsel students and to assist them in obtaining catalogs, literature and other information pertinent to professional school admission requirements and admission testing procedures. Once the requirements for admission to a professional program have been met, the Pre-Health Careers Committee will, at the request of the student, interview the student and write letters of recommendation.

For additional information on pre-medicine, pre-dentistry, pre-optometry, pre-osteopathy, pre-veterinary medicine, pre-pharmacy, pre-physician's assistant, and medical technology studies contact the Division Head for the Division of Natural Sciences, (417) 328-1659.

Students interested in a career in nursing should contact the College of Health Professions, 4431 South Fremont St., Springfield, MO, 65804, (417) 820-2069.

Students interested in the BSN program on the Bolivar campus should contact the Bolivar Admissions Department.

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.

Program Requirements

The following Southwest Baptist University courses are required before admission to the medical technology program:

- BIO 1003 Principles of Biology (3 hours)
- BIO 1001 Principles of Biology Lab (1 hour)
- 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 1114/CHE 1111 *and* CHE 1124/CHE 1121 General Chemistry I and Lab *and* General Chemistry II and Lab (10 hours)
- CHE 3304 *and* CHE 3314 Organic Chemistry I and II (8 hours)
- CHE 3345 Analytical Chemistry (5 hours) *or* CHE 3354 Instrumental Analysis (4 hours)

The following Southwest Baptist University courses are recommended as electives before admission to the medical technology program:

- BEH 2243 Statistics (3 hours)
- BIO 3384 Histology (4 hours)
- BIO 3394 Pathogenic Microbiology (4 hours)
- MGT 4043 Organizational Behavior and Theory *or* FIN 3003 Personal Financial Planning (3 hours)

The following courses (with associated SBU credit hours awarded) are taken by students accepted into the Cox School of Medical Technology during the senior year:

- MTC 401 Clinical Biochemistry (10 hours)

- MTC 402 Clinical Microscopy (2 hours)
- MTC 403 Clinical Hematology & Coagulation (7 hours)
- MTC 404 Diagnostic Immunology (4 hours)
- MTC 405 Clinical Microbiology (7 hours)
- MTC 406 Immunohematology (4 hours)
- MTC 407 Special Topics in Medical Technology (1 hour)

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

Office: Wheeler 100B; (417) 328-1659

Faculty: Stephen Bowling, Craig Endres, Robert Glasgow

The Darrell R. Strait Center for the Integration of Science and Christian Faith is an academic center housed within the Division of Natural Sciences 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 (minor program) 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.

Minor in Integration of Science and Christian Faith

To obtain a minor in Integration of Science and Christian Faith, students must complete the following 14 semester hours of course work:

- BIB 2093 Methods of Biblical Interpretation (3 hours)
- PHS 3303 History & 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)

Division of Kinesiology

Division Head: TJ John

Office: Jane and Ken Meyer Wellness and Sports Center Room 229; (417) 328-1988

Faculty: Jason Halverson, John Hinsley, and Gina Whitehead

Mission Statement

To prepare students to glorify God through maintaining healthy lifestyles and lead others in the pursuit of wellness attitudes and activities.

Physical Education

Recognizing that mental cognition and efficiency is dependent upon organic health and vigor, and with the philosophy that training and development of the body should be as systematic and thorough as training of the mind, programs for individual and team physical enhancement are offered in health and physical education. Fundamentals of sports and athletic skills are taught and opportunities for participation are provided through various physical education programs. This program leads to Missouri teacher certification in grades K-12. Students desiring to pursue a career in a sports related area other than teaching may pursue a major in Sport Management. A physical education major must pursue a course of study that leads to either the bachelor of arts degree or the bachelor of science degree.

Enrollment in upper level education courses by all students seeking State Teacher Certification is limited

to those students who have a GPA of 3.0 in physical education coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Division of Kinesiology and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teaching certification. (Please see Division of Education – Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

Physical Education Certification K-12

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

- KIN 1023 Individual and Team Activities (3 hours)
- KIN 1033 Foundations of Physical Education (3 hours)
- KIN 1163 Foundations of Physical Fitness/Wellness for Professionals (3 hours)
- KIN 2023 Perceptual Motor Development (3 hours)
- KIN 2133 Principles of Human Anatomy (3 hours)
- KIN 2143 Lifetime Activities (3 hours)
- KIN 2243 Nutrition (3 hours)
- KIN 3043 Analysis of Basic Rhythms (3 hours)
- KIN 3053 Measurement and Evaluation in Sport (3 hours)
- KIN 3073 Physiology of Exercise (3 hours)
- KIN 3083 Care and Prevention of Athletic Injury (3 hours)
- KIN 3093 Responding to Emergencies (3 hours)
- KIN 3133 Teaching Elementary Physical Education (3 hours)
- KIN 4003 Kinesiology (3 hours)
- KIN 4013 Sport in American Society (3 hours)
- KIN 4043 Adapted Physical Education (3 hours)
- KIN 4533 Secondary Methods of Teaching Physical Education (3 hours)
- Professional Education Coursework – *see B.S. Degree Certification in Content Areas, Grades 9-12, K-12* (39 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 1114/CHE 1111 as a part of their general education and graduation requirement coursework. Students who are planning to attend Physical Therapy school may substitute PTH 2523 for NUR/HSC 1002.

Exercise Science Core Curriculum (48 hours)

- ESC 1013 Introduction to Exercise Science (3 hours)
- KIN 3083 Care and Prevention of Athletic Injury (3 hours)
- BIO 2204 Human Anatomy & Physiology I (4 hours)
- BIO 3304 Human Anatomy & Physiology II (4 hours)
- KIN 3093 Responding to Emergencies (3 hours)
- KIN 2023 Perceptual Motor Development (3 hours)
- KIN 3073 Physiology of Exercise (3 hours)
- KIN 4003 Kinesiology (3 hours)
- BEH 2243 Statistics (3 hours)
- KIN 2243 Nutrition (3 hours)
- ESC 4223 Functional Movement (3 hours)
- ESC 4833 Evidenced Based Practice (3 hours)
- KIN 4001 Kinesiology Capstone (1 hour)

- ESC 4043 Exercise Science Practicum (3 hours)
- Students must complete 6 credit hours of Internship:**
- ESC 4986 Exercise Science Internship I&II (6 hours), OR...
- ESC 4973 Exercise Science Internship I (3 hours), &...
- ESC 4983 Exercise Science Internship II (3 hours)

Rehabilitative Sciences Concentration (18 credit-hours)

- ESC 3114 Orthopedic Evaluation: Above Diaphragm (4 hours)
- ESC 3124 Orthopedic Evaluation: Below Diaphragm (4 hours)
- ESC 4034 Treatment and Rehabilitation (4 hours)
- ESC 3133 Pharmacology (3 hours)
- HSC 1013 Medical Terminology (3 hours) or PTH 2523 Introduction to Physical Therapy (Spring, Even)(3 hours)

Optional electives: Based on professional program of choice. Students must obtain 120 hours for graduation requirement.

- CHE 1114/CHE 1111 Chemistry and Lab (5 hours)
- CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)
- PHY 1114/ PHY 1111 Physics I and Lab (5 hours)
- PHY 1124/PHY 1121 Physics II and Lab (5 hours)
- BEH 3063 Human Growth & Development (3 hours)
- KIN 1043 Personal Community Health (3 hours)
- ESC 4033 Special Populations (3 hours)
- ESC 3133 Pharmacology (3 hours)
- PSY 4373 Addictions (3 hours)
- BEH 3033 Abnormal Psychology (3 hours)
- BUS 2012 Business Communications (2 hours)
- COM 2233 Introduction to Public Relations (3 hours)
- MGT3013 Principles of Management (3 hours)
- HSC 1013 Medical Terminology (3 hours)
- PSY 3393 Introduction to Sports Psychology (3 hours)
- SOC 4083 Gerontology or SOC 3003 The Family (3 hours)
- KIN 4013 Sport in American Society (3 hours)
- MGT 3013 Principles of Management (3 hours)
- MKT 3023 Principles of Marketing (3 hours)
- SPM 2093 Athletic Event and Facility Management (3 hours)
- SPM 4023 Organization & Administration of Sport (3 hours)
- SPM 4043 Legal and Ethical Issues in Sport (3 hours)
- KIN 2143 Lifetime Activities (3 hours)
- KIN 3053 Measurement and Evaluation in Sport (3 hours)

Other admission requirements for the SBU DPT should be obtained directly from the Division of Physical Therapy, Southwest Baptist University, Bolivar, MO, 65613, (417) 328 1672. Admissions to the SBU DPT program is based on competitive applications. Completion of the Exercise Science Major should not be construed as a guaranteed acceptance into the SBU DPT program, nor does it guarantee acceptance into physical therapy programs not associated with SBU. Students selecting this major are strongly encouraged to keep in close contact with both their Exercises Science Advisor and the DPT Admission Coordinator beginning with their first year of study.

Sport Management Major – B.A. or B.S. Degree

The sport management major is an interdisciplinary program designed for students interested in a career in sports related areas other than education. Students should complete all courses listed in the Core section and a concentration listed below. The B.A. degree requires 8 hours of a foreign language.

Sport Management Core Courses (34 hours)

- KIN 3093 Responding to Emergencies (3 hours)
- KIN 4001 Kinesiology Capstone (1 hour)
- KIN 4013 Sport in American Society (3 hours)
- MGT 3013 Principles of Management (3 hours)
- MKT 3023 Principles of Marketing (3 hours)
- BEH 2243 Statistics (3 hours)
- SPM III13 Introduction to Sport Management (3 hours)
- SPM 2093 Athletic Event and Facility Management (3 hours)
- SPM 4023 Organization & Administration of Sport (3 hours)
- SPM 4043 Legal and Ethical Issues in Sport (3 hours)
- SPM 4986 Sport Management Internship (6 hours)
- SPM 4973 Internship in Sports Management I (3 hours), &...
- SPM 4983 Internship in Sports Management II (3 hours)

Sports Administration (9 hours)

- ACC 2013 Principles of Financial Accounting (3 hours)
- BUS 3073 Legal Environment of Business I (3 hours)
- SPM 4033 Applied Sport Marketing (3 hours)

Fitness and Wellness Administration (18 hours)

- KIN 1043 Personal and Community Health (3 hours)
- KIN 2133 Principles of Human Anatomy (3 hours)
- KIN 2243 Nutrition (3 hours)
- KIN 3073 Physiology of Exercise (3 hours)
- KIN 4003 Kinesiology (3 hours)
- KIN 4773 Principles of Strength Conditioning (3 hours)

Business (29 hours)

- ACC 2013 Principles of Financial Accounting (3 hours)
- BUS 2012 Business Communications (2 hours)
- BUS 3073 Legal Environment of Business I (3 hours)
- ECO 2023 Principles of Microeconomics (3 hours)*
- MGT 4033 Human Resource Management (3 hours)
- MGT 4043 Organizational Behavior and Theory (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- MKT 3073 Professional Selling (3 hours)
- MKT 3083 Advertising (3 hours)
- SPM 4033 Applied Sport Marketing (3 hours)

*ECO 2023 may replace the general education requirement ECO 2003

Sport Management Minor (18 hours)

- KIN 4013 Sport in American Society (3 hours)
- SPM III13 Introduction to Sport Management (3 hours)
- SPM 2093 Athletic Event and Facility Management (3 hours)
- SPM 4023 Organization and Administration of Sport (3 hours)
- SPM 4033 Applied Sport Marketing (3 hours)
- SPM 4043 Legal and Ethical Issues in Sport (3 hours)

Division of Physical Therapy

Director and Division Head: Joshua Layman

Office: Davis 105; (417) 328-1472

Faculty: Ashley Boles, Kate Collins, Terry Cox, Amber Fleece, Herb Hamann, Kevin Jones, Sarah Jones, Connie Matheny,

Beverly McNeal, Tom Sneed, Marsha Trantham

<https://www.SBUniv.edu/pt>

“Whatever you do, work at it with all your heart, as working for the Lord, not for human masters, since you know that you will receive an inheritance from the Lord as a reward. It is the Lord Christ you are serving.” – Colossians 3:23-24

For Catalog Listings and Policies for the Doctor of Physical Therapy Degree, please see the SBU Graduate Catalog. Two special enrollment programs that pertain to undergraduate level students are detailed below.

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 (1160) or equivalent CLT score (76).
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. Note: This provision is aimed to not penalize students from taking dual credit courses in advance of regular collegiate admissions as an incoming freshman.
4. Once accepted into the HSEA program, all undergraduate classes must be taken at SBU with the successful awarding of a bachelor's degree. 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 current overall graduate program application.
7. HSEA recipients must earn an overall GPA of 3.00, a prerequisite GPA of 3.25, and a minimum grade of a “C” in all prerequisite courses or else forfeit their acceptance. The prerequisite GPA will be calculated with the first-time attempted course grade. Withdrawals will be considered an “F” grade. Under special circumstances, a withdrawn course can be petitioned, reviewed by the admissions committee, to be retaken for prerequisite GPA consideration.
8. Document 40 hours of observation or work hours in a physical therapy setting.
9. Participate in 50 hours of community service.
10. Complete PTH 2523 Introduction to Physical Therapy *or* HSC 1013 Medical Terminology with a minimum grade of a “B.” Complete KIN 3073 Exercise Physiology with a minimum grade of a “B.” Note: These courses are considered support courses and are not used to calculate prerequisite GPA. Courses may be retaken if needed to earn the required grade level.
11. HSEA applications should be submitted to the department for consideration for the upcoming fall semester before the first of April. If applications are received by the Scholars Day deadlines, acceptance decisions will be made within a few weeks of Scholars Day.
12. 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.

The physical therapy division recommends the completion of one of the following undergraduate degrees: Biology, Exercise Science, or Psychology. Students should carefully plan their undergraduate experience such that most prerequisites are completed prior to their senior (or application) year. Students electing to take non-recommended degree paths should make those considerations for other specific purposes and with the knowledge that those elections may increase the duration of their undergraduate experience prior to entering the physical therapy program. If there are ever any questions about the most effective and efficient undergraduate path toward entering the graduate physical therapy program, please contact the program directly.

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 Pre-PT Club events and/or mentoring sessions on a semester basis during their undergraduate semesters.
2. The total \$6,000 scholarship is awarded in equal semester installments upon entry to the SBU physical therapy program (i.e. first-year fall and first-year spring in equal \$1000 amounts resulting in a \$2,000 “discount” on the annual tuition). HSEA students that matriculated into the DPT program prior to Fall 2022 receive a \$3,000 total scholarship under the same distribution pattern described above.
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 (i.e. not on academic or professional behaviors probation) or the remaining award distributions will be forfeited.

A+ Recruitment Program

The Doctor of Physical Therapy (DPT) program at Southwest Baptist University realizes and appreciates that the cost of earning a valuable degree continues to increase and this cost factor does play a role in the decision-making processes on where students elect to attend college. The program wishes support Missouri A+ students who have a professional goal on becoming a physical therapist by establishing a path by which they can complete their A+ requirements and earn an automatic acceptance into the SBU DPT program.

A+ Recruitment Program Requirements

1. Successfully earn an Associate’s degree based on the existing parameters of the A+ program
2. Earn a Bachelor’s of Science degree from SBU within two years of completing the identified Associate’s degree
3. Have the following prerequisite courses completed by B.S. graduation and present on

the transcript with at least a minimum grade of a “C” in each course (combined prerequisite GPA should be 3.25)^#:

- a. Biology* – one semester, human or animal-based with lab component
 - b. Chemistry* – two semesters with lab component
 - c. Physics* – two semesters with lab component
 - d. Anatomy and Physiology* – two semesters with lab component
 - e. Statistics
 - f. One psychology course – general/intro, normal growth and development, or abnormal
 - g. Medical Terminology – housed in PTH 2523 Intro to Physical Therapy at a “B” or higher level (does not enter into prerequisite GPA calculations)
 - h. Exercise Physiology – KIN 3073 Physiology of Exercise at a “B” or higher level (does not enter into prerequisite GPA calculations)
4. Earn a combined overall GPA of 3.0 and prerequisite GPA of 3.25
 5. Complete the GRE with a combined average of “45th” percentile across all content areas
 6. Complete 40 hours of professional physical therapy observation
 7. Complete 50 hours of community service - international mission trips preferred
 8. Complete an application to the PT program during senior year, including an essay and references

^Repeated courses will be reviewed by the admissions committee for evaluation of acceptance. It is the general guideline that courses should not be repeated unless extreme circumstances are presented.

#Course in Pathophysiology is highly recommended, but not required.

*Courses must be taken in sequence from a science-based division

College of Health Professions

Brittney Hendrickson, Dean

Office: 4431 S Fremont Street, Springfield MO 65804; (417) 820-2069

<https://www.sbuniv.edu/academics/colleges/health-professions.php>

Divisions Within the College

- Pre-licensure Nursing
- Health Sciences and Post-Licensure Nursing

Mission Statement

College of Health Professions is faith-based, educating students to be competent and caring health care professionals engaged in the healing ministry of Christ through servant leadership.

Vision Statement

We are believers in Christ, partnering together to educate current and future healthcare professionals to be competent and caring servant leaders. The college provides quality faith-based education to our students, capable of serving diverse populations in a variety of healthcare settings. We embody Christ-likeness in our daily interactions demonstrated by personal integrity, shared values and service to the community.

Division of Pre-Licensure Nursing

Division Head: Renay McCarley

Office: 4431 S Fremont Street, Springfield MO 65804; (417) 820-2069

Faculty: Cynthia Beasley, Tamara Boyd, Terri Briggs, Kimberly Burks, Kristi Burks, Heather Daulton, Tamara Glessner, Andrea Gramling, Lisa Lynch, Renay McCarley, Shannon McKinzie, Heather Mills, Kelly Paulie, Jodie Snider, Debbie Stoughton, Blair Stockton, Sherri Young, Julie Wilken, Brittney Wilson

Area of Associate of Science in Nursing

Southwest Baptist University (SBU) offers a 2-year pre-licensure nursing program leading to the Associate of Science in Nursing degree (ASN). Graduates of the ASN program meet the requirements to sit for the National licensure examination (NCLEX-RN®) for registered professional nurses (RN). Graduation from this program does not guarantee licensure as an RN. This program is offered at the SBU-Springfield and Salem Campuses. A graduate of the ASN program enters the health care environment as a nurse generalist, prepared to practice in settings where policies and procedures are established and guidance is available. Graduates will have experience caring for individual clients across the lifespan, within the context of their families and communities, in settings across the health care continuum. Students may progress from the ASN to BSN completion program, or may be concurrently enrolled.

ASN Requirements (72 hours including prerequisites)

Students completing the ASN Program must meet all general education and graduation requirements of the university.

- ASN Prerequisites (must be met with a minimum of a C in all courses)
 - BIO 2204 Human Anatomy and Physiology I+ (4 hours)
 - BIO 3304 Human Anatomy and Physiology II (4 hours)

- CHE 1103/CHE 1101 Principles of Chemistry and Lab #+ (4 hours)
- BIO 2213 Introduction to Microbiology (3 hours)
- ASN Graduation and Program Requirements
 - UNI 1111 University Seminary (1 hour)
 - UNI 1121 Introduction to Critical Thinking (1 hour)
 - BIB 1013/1213 Old Testament History** (3 hours)
 - BIB 1023/1223 New Testament History** (3 hours)
 - BIO/KIN 2243 Nutrition (3 hours)
 - ENG 1113 English Composition I# (3 hours)
 - PSY 1013 General Psychology (3 hours)
 - PSY 3063 Human Growth and Development (3 hours)
- ASN Major Requirements (36 hours)
 - NUR 1010 New Student Orientation (0 hours)
 - NUR 1018 Foundation of Nursing Practice Across the Lifespan (8 hours)
 - NUR 1023 Pharmacology for Nursing Practice (3 hours)
 - NUR 1028 Patient Centered Care (8 hours)
 - NUR 2038 Advanced Patient Centered Care (8 hours)
 - NUR 2048 Nursing Role Integration (8 hours)
 - NUR 2052 NCLEX Preparation (2 hours)

LPN and Paramedic students entering into the ASN Program as advanced placement students must complete all prerequisites, general education courses, and program requirements.

Students entering into the Third Semester as Advanced Placement Bridge students must successfully complete the appropriate Bridge course listed below and must possess a license in good standing as a Practical Nurse or Paramedic in the State of Missouri.

- NUR 1010 New Student Orientation (0 hours)
- NUR 1104 Paramedic Advanced Placement Bridge Course (4 hours)
- NUR 2003 LPN Advanced Placement Bridge Course (3 hours)
- NUR 2038 Advanced Patient Centered Care (8 hours)
- NUR 2048 Nursing Role Integration (8 hours)
- NUR 2052 NCLEX Preparation (2 hours)

** Graduation requirement

General education requirement

+ Must satisfy course prerequisites if minimum ACT, SAT, or CLT scores not met

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.

Note: Students with college degrees that satisfy the university's general education requirements must still complete the following general education requirement if they were not part of the previous college degree: CHE 1003/CHE 1001 Chemistry for Allied Health and Lab.

Note: Students entering the ASN program will automatically be enrolled in NUR 1010 New Student Orientation. This is a no credit course designed to familiarize the student with the program and learning management system.

Note: Students that are not successful in core nursing courses may be allowed to repeat the course the following semester. For those students needing to repeat a nursing course, a course has been designed to assist those students in the development of skills and strategies necessary for success in the nursing courses. This course will be taken concurrently with the repeat 16-week nursing course (NUR 0011

Student Success Academy).

Students unsuccessful in an ASN course will then be required to take the Student Success Course in order to repeat and progress. The table below pairs the ASN Program Course with the related Student Success Course.

ASN Program Courses	Corresponding Student Success Course & Section
NUR 1018 Foundations of Nursing Practice Across the Lifespan	NUR 001I Student Success Academy S1
NUR 1028 Patient Centered Care	NUR 001I Student Success Academy S2
NUR 2038 Advanced Patient Centered Care	NUR 001I Student Success Academy S3
NUR 2048 Nursing Role Integration	NUR 001I Student Success Academy S4

Note: Students that are not successful in the Pharmacology course (NUR 1023), but are successful in the co-requisite nursing courses, will be allowed to retake the Pharmacology course one time the following semester of the ASN program. NUR 1023 may only be taken in 2nd and 3rd semester of the ASN program.

Students Applying to the ASN Program

- Students must be admitted to Southwest Baptist University (SBU). Admission to the University does not guarantee admission into the ASN program. Application for admission to SBU also serves as the application for admission to the ASN program.
- Provide copies of:
 - Driver's license/Photo ID
 - Official transcripts from all colleges or universities other than SBU
 - LPNs desiring Advanced Placement
 - Missouri LPN License in good standing
 - IV certification
 - Paramedic Students desiring Advanced Placement
 - Missouri Paramedic License
- Students accepted into the ASN program are required to submit the following within the designated time limits (full admission into the program is contingent upon negative drug screen & acceptable background check):
 - Background screening
 - Drug screening
 - Immunization record (Tdap, Varicella, MMR, annual influenza, Hepatitis B series, COVID-19) * subject to change based upon clinical site requirements
 - CPR card (if certified as BLS by the American Heart Association),
- For full acceptance into the ASN program, prerequisite courses must be completed. Students may be conditionally admitted if they are within one semester of completing required science courses. All applications will go through the selection process for admission.
- Based on transcript and ACT, SAT, or CLT score evaluation, these foundational courses may be required:
 - MAT 0243 Mathematical Literacy
 - BIO 1003 Principles of Biology/ BIO 1001 Principles of Biology Lab
- Prior college credit:
 - Minimum of a C in all courses required for the ASN program
 - Minimum of 2.5 cumulative or program GPA.
 - If repeating any course required for the ASN program, course must be completed with a grade of C or better before admission to the ASN program.
 - Each prerequisite science course may only be attempted two times, including withdrawals.
- Admission is contingent upon an acceptable background check and drug screen.
- Acceptance into the ASN nursing program is based on satisfactory completion of the admission criteria and space availability. When applicants meet minimum qualifications, an admission selection criteria worksheet may be used if qualified applicants exceed space availability. The applicants with the top scores will be offered first choice for the seats in the cohort. An interview

and/or admissions testing may be required.

9. Admission is based on space availability. Application deadlines for early consideration in:
 - a. June (Summer Semester) – February 1 of that same year
 - b. August (Fall Semester) – February 1 of that same year
 - c. January (Spring semester) – July 1 of previous year
 - d. A selection scoring sheet is utilized to rank the students for admission.
 - e. Review of applications will begin following the application deadline.
 - f. When the qualified applicant pool exceeds the maximum number of seats available in the program, admission into the ASN program will be offered to the highest-ranking candidates who applied by the application deadline.
 - g. Applicants with incomplete prerequisites or requirements may be admitted conditionally upon the review and approval of the Admission, Progression and Retention (APR Committee).
 - h. The selection of each cohort will be reviewed by the Admission, Progression and Retention (APR Committee).
10. Special consideration will be given to qualified applicants who have submitted previous or early applications.

Students admitted on a conditional acceptance status

1. Full admission is contingent upon fulfilling requirements necessary to meet the admission criteria.
2. Upon verification of meeting the specified criteria, the applicant will be notified of their full admission or changes in admission status if they have not met the necessary requirements.

ASN Science Incentive

Awarded to Pre-nursing students taking all required prerequisite science courses at Southwest Baptist University.

Requirements:

1. Meet admission requirements of SBU and be enrolled at SBU
2. Complete the following prerequisite sciences with a 3.0 science cumulative GPA
 - a. BIO 2204 Anatomy & Physiology I
 - b. BIO 3304 Anatomy & Physiology II
 - c. BIO 2213 Microbiology
 - d. CHE 1003/CHE 1001 Chemistry for Allied Health and Lab
3. Have a cumulative GPA of 3.0
4. Repeated ASN courses do not apply.

Qualifying students will receive \$500 per semester for a maximum total of \$2000 per student.

ASN End of Program Student Learning Outcomes

Upon completion of the ASN Program to continue the healing ministry of Christ, the graduate nurse will:

1. Provide compassionate, **Patient-Centered Care** in full partnership with the patient recognizing the patient's preferences, values, culture, and needs.
2. Maintain a **Safe** environment using clinical judgement in all health care settings.
3. Utilizes **Spirit of Inquiry** to identify current evidence when providing safe, quality care to patients across the lifespan.
4. Demonstrates **Teamwork and Collaboration** by effectively partnering with nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision making to achieve quality patient care.
5. Exemplify **Servant Leadership** by facilitating the health, well-being, and growth of those served through personal integrity, shared values, and service.
6. Exhibit **Professionalism** within standards of practice and established ethical guidelines.

Area of Bachelor of Science in Nursing (BSN)

Don and Carrie Babb Nursing – Bolivar Campus

Southwest Baptist University (SBU) offers a traditional 4-year nursing program for a Bachelor of Science in Nursing degree (BSN). Graduates of the program meet the requirements to sit for the National licensure examination (NCLEX-RN®) for registered professional nurses (RN). Graduation from this program does not guarantee licensure as an RN. The BSN program is offered at the SBU-Bolivar Campus. A graduate of the BSN program enters the health care environment as a nurse generalist, prepared to practice in settings where policies and procedures are established and guidance is available. Graduates will have experience caring for individual patients across the lifespan, within the context of their families and communities, in settings across the health care continuum.

Requirements:

1. Meet admission requirements of SBU and be enrolled at SBU
2. Have a minimum cumulative or program GPA of 2.8

BSN Degree Requirements (128 hours including general education requirements and prerequisites)

Students completing the BSN program must also meet all general education and graduation requirements of the university. Complete at least 128 approved hours, of which 39 hours must be in upper division (3000-4000 level) coursework (or its equivalent for the B.A.S. degree).

- General Education Requirements (42 hours)
- Graduation Requirements (10 hours)
- BSN Prerequisites – *must be met with a minimum of a C in all courses*
 - BIO 1003 Principles of Biology# (3 hours)
 - BIO 1001 Principles of Biology Lab# (1 hour)
 - BIO 2204 Human Anatomy and Physiology I (4 hours)
 - BIO 3304 Human Anatomy and Physiology II (4 hours)
 - CHE 1003/CHE 1001 Chemistry for Allied Health and Lab# (4 hours)
 - BIO 2213 Introduction to Microbiology (3 hours)
 - CIS 1103 Computer and Information Management# (3 hours)
 - BIO 2243 Nutrition (3 hours)
 - PSY 1013 General Psychology# (3 hours)
- BSN Major Requirements – *must be met with a minimum of a C in all courses*
 - NRS 3117 Fundamentals of Nursing Practice (7 hours)
 - NRS 3453 Spirituality in Health Care** (3 hours)
 - NRS 3217 Medical Surgical I – Adult and Elderly Care (7 hours)
 - NRS 3233 Pharmacology for Nursing Practice (3 hours)
 - NRS 3317 Medical Surgical II – Complex Adult and Elderly Care (7 hours)
 - NRS 3563 Health Care Informatics (3 hours)
 - NRS 4013 Health Care in Culturally Diverse Populations+ (3 hours)
 - NRS 4114 Maternal Child and Family Health (4 hours)
 - NRS 4404 Community Health (4 hours)
 - NRS 4333 Research and Evidence Based Practice (3 hours)
 - NRS 4413 Advanced Health Assessment (3 hours)
 - NRS 4434 Administration and Leadership (4 hours)
 - NRS 4554 Medical Surgical III: Transition to Practice (4 hours)
 - NRS 4501 NCLEX Review (1 hour)
- BSN Program Requirements – *must be met with a minimum of a C in all courses*
 - BEH 2243 Statistics (3 hours)
 - BIO 4404 Pathophysiology@ (4 hours)
 - PSY 3063 Human Growth and Development (3 hours)

Students transferring into the BSN program from other accredited colleges or universities must complete all prerequisites, general education courses, and graduation requirements listed above. Transfer students

are subject to admission testing and admission selection criteria.

@ Course may not be transferred in from another institution

+ Approved general education alternative course

General Education Course

**Meets the graduation requirement for spiritual formation

Note: Students are required to take nationally normed tests throughout the curriculum and to make satisfactory scores on such tests. If satisfactory scores are not achieved on these tests, repeat testing and remediation may be required.

Note: Students entering the BSN program will automatically be enrolled in NRS 3010 New Student Orientation. This is a no-cost/no-credit course designed to familiarize the student with the program and learning management system.

Students Applying to the BSN program

1. The student must be admitted to Southwest Baptist University (SBU). Admission to the University does not guarantee admission into the BSN program. A separate application process to the BSN program is required to be considered for admission.
2. Provide copies of:
 - a. Driver's license/Photo ID
 - b. Official transcripts from all colleges or universities other than SBU
3. Students accepted into the BSN program are required to submit the following within the designated time limits (full admission into the program is contingent upon negative drug screen & acceptable background check):
 - a. Background screening
 - b. Drug screening
 - c. Immunization record (Tdap, Varicella, MMR, annual influenza, Hepatitis B series, COVID-19)* subject to change based upon clinical site requirements
4. For full acceptance into the BSN program, prerequisite courses must be completed. Students may be conditionally admitted if they are within one semester of completing required science courses. All applications will go through the selection process for admission.
5. Based on transcript and ACT, SAT, or CLT score evaluation, MAT 0243 Mathematical Literacy may be required.
6. Prior college credit:
 - a. Minimum of C in all courses required for the BSN program
 - b. Minimum of 2.8 cumulative or program GPA
 - c. If repeating any general education or program required course required for the BSN program, the course must be completed with a grade of C or better before admission to the BSN program.
7. Acceptance into the BSN nursing program is based on satisfactory completion of the admission criteria and space availability. When applicants meet minimum qualifications, an admission selection criteria worksheet may be used if qualified applicants exceed space availability. The applicants with the top scores will be offered first choice for the seats in the cohort.
8. Application deadline for consideration in January (spring semester) is August 1 of the previous year.

- a. Cumulative GPA of 2.8 and completion of all prerequisite coursework qualifies the applicant for full admission to the BSN program.
- b. A selection scoring sheet will be used to rank the students for admission based upon standardized exam score, completion of other nursing program courses, and cumulative or program GPA.
- c. All applications will be considered at the same time following the application deadline. Exceptions to the deadline must be reviewed with the BSN Program Coordinator and Admissions, Progression, and Retention (APR) committee and must complete the selection process for consideration for admission.
- d. When the qualified applicant pool exceeds the maximum number of seats available in the program, admission into the BSN program will be offered to the highest-ranking candidates in the applicant pool
- e. Applicants with incomplete prerequisites or requirements may be admitted conditionally upon the review and approval of the APR Committee.
- f. The selection of each cohort will be reviewed by the APR Committee.
- g. Accepted applicants will be required to make a \$200, non-refundable deposit to hold a seat in the cohort.

Students admitted on a conditional acceptance status

1. Full admission is contingent upon fulfilling requirements necessary to meet admission criteria.
2. Upon verification of meeting the specified criteria, the applicant will be notified of their full admission or changes in admission status if they have not met the necessary requirements.

High School Early Acceptance

High school students are eligible to apply on a competitive basis for early acceptance into the BSN program. The High School Early Acceptance (HSEA) application is located on the BSN webpage and is subject to the following guidelines and parameters.

1. Applicants must be entering SBU as a first-time freshman to be eligible for consideration and require no remedial coursework for English or Math based on standardized test scores. (Ex. ACT Math subscale <17; English subscale <18).
2. Complete the HSEA application by May 1st prior to freshman start at SBU. Applications will be processed in the order they are received.
3. Minimum Requirement: ACT 21 | SAT 1060 | CLT 68
4. Completion of an essay
5. Students accepted in the HSEA program:
 - a. Are required to pay a non-refundable \$200 seat deposit fee that will apply towards tuition.
 - b. Must follow the degree plan for the BSN program to ensure enrollment in the first nursing course in semester 4 (Spring Sophomore Year).
 - c. Must maintain the same pre-requisite GPA and admission test requirements as all applicants.
 - d. Students that fail to earn a minimum grade of “C” in a BSN prerequisite course forfeit the HSEA seat, but may still apply to the nursing program through the standard selection process.

(*Admission criteria subject to change.)

BSN End of Program Student Learning Outcomes

Upon completion of the baccalaureate of nursing program, the graduate will:

1. Integrate knowledge obtained from a Christ-centered liberal arts curriculum to guide nursing practice, **professional development**, and **lifelong learning**. (Spirituality & Professional Foundation)
2. Apply leadership principles to coordinate patient care and collaborate with interdisciplinary teams. (Teamwork & Collaboration)
3. Employ practices to ensure **patient safety** and improve outcomes of care. (Safety)
4. Utilize **information management** systems to document care, support nursing practice, and guide decision making. (Information Management)
5. Incorporate **current evidence**, clinical expertise, and patient preferences in health care practice. (Evidence Based Practice)
6. Apply principles of **quality improvement** to monitor outcomes of care and minimize risk of harm to patients and providers. (Quality Improvement)
7. Demonstrate **professionalism** in nursing and explore the regulatory and financial drivers of the healthcare system. (Professionalism)
8. Provide continuous individualized **patient-centered care** across the lifespan in a variety of settings. (Patient Centered Care)

Graduation Policy, BSN

All candidates must meet the graduation requirements of the University. Students must earn a "C" or better in all nursing prerequisites, program requirement and major courses. For graduation, students must have an overall 2.00 GPA. Participation in outcome assessment activities including standardized testing is a graduation requirement.

Division of Health Sciences and Post-Licensure Nursing

Division Head: Cindy Todd

Office: 4431 S. Fremont Street, Springfield MO 65804; (417) 820-2069

Faculty: Kati Clancy, Nicole Helsel, Brittney Hendrickson, Rachel Kopsas, Leigha Pellegren, Cindy Todd, Jason Young

Area of Associate of Science in Radiography

Accreditation

The Associate of Science in Radiography (ASR) Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

The Joint Review Committee on Education in Radiologic Technology

20 North Wacker Drive, Suite 2850

Chicago, IL 60606-3182

(312) 704-5300

www.jrcert.org

mail@jrcert.org

ASR Clinical Settings

ASR students obtain their clinical education through Mercy including the following clinical sites: Mercy Hospital Springfield, Mercy Orthopedic Hospital, Mercy Hospital Aurora, Mercy Clinic National (Smith-Glynn-Callaway), Mercy Clinic Montclair Imaging, and Mercy Clinic Nixa. Clinical rotation schedules include days and evenings and are subject to change.

Admission to the ASR Program

1. The student must be admitted to Southwest Baptist University (SBU). *Admission to the University does not guarantee admission to the ASR program.* Application for admission to SBU also serves as the application for admission to the ASR program.
2. In addition, to be considered for admission to the ASR program, the following must be met:
 - a. Prerequisite courses: College Chemistry (4 credit hours)/or General Physics (4 Hours), Anatomy and Physiology (8 credit hours total), English Composition (3 credit hours), Psychology (3 credit hours), Algebraic Reasoning and Modeling (3 credit hours);
 - b. Based on transcript and ACT, SAT, or CLT score evaluation, these foundational courses may be recommended:
 - i. MAT 0243 Mathematical Literacy
 - ii. BIO 1003 Principles of Biology/ BIO 1001 Principles of Biology Lab
 - c. Prior college credit:
 - i. Minimum of C in all courses required for the ASR program
 - d. Minimum of 2.7 cumulative GPA in all college courses.
 - e. Minimum of 2.7 cumulative GPA in all prerequisite courses required for the ASR program.
 - f. If repeating any course required for ASR admission, the course must be completed with a grade of C or better before applying to the ASR program.
3. Schedule a meeting with an admissions office representative.
4. Meet with an academic advisor for course planning.
5. Complete an ASR program application form. **ASR program application deadline is February 1st of the same year as the program start date.** Only one cohort per year is accepted into the program with the start date in the Fall (August).
6. Students accepted into the ASR program are required to submit the following within the designated time limits: background check, drug screen, and immunization record.
7. Once a candidate has been notified of an offer for admission to the ASR Program, a nonrefundable deposit is required. This deposit will be credited to the first semester's bill and will secure the candidate's space in the program.

Admission to the ASR program is selective as a limited number of students are accepted into the program each year. Selection of students will be based on the admission criteria, interactions with faculty and staff, and space available.

Prerequisite courses may be in progress at the time of application but *must* be completed prior to the beginning of the first ASR class. Preference is given to qualified applicants who have completed the prerequisites by the application deadline.

When applicants meet minimum qualifications, admission decisions will be made based on such factors as GPA, grades in prerequisite courses, previous application, and interactions with faculty and staff.

Special consideration will be given to students enrolled at SBU, students who have completed their prerequisite courses at SBU, and qualified applicants who have submitted previous or early applications.

Admission into the ASR program is offered to the highest-ranking candidates in the applicant pool. Once a candidate has been notified of acceptance into the program, a background check and drug screen will be required. Verification of required immunizations must also be completed prior to the start of the ASR program.

Students are required to complete the ASR program according to the full-time course schedule. General education and graduation requirement courses may be completed before the designated course sequence, but not later. To successfully progress through the ASR program, students must achieve a grade of "C" or better in each course completed during the full time course schedule (RAD prefix and general education courses). Since students' progress through the ASR program as a cohort, core program courses (those with a RAD prefix) may not be repeated.

Students desiring to transfer into the ASR program from another accredited radiography program will be considered on an individual basis and must follow the application procedure. In addition, the following will need to be submitted: Radiography program transcript, clinical experience records and evaluations, and a letter from the Program Director.

Admission to the ASR program is contingent upon an acceptable background check, drug screen, and an immunization record. ASR students will be required to attend a College of Health Professions campus orientation prior to beginning the program and prior to the beginning of Clinical Education I.

*Admission criteria are subject to change.

Functional Abilities Necessary for Participation in the Radiography Program

The ASR Program prepares the student as an 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.
 - 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, and intellectual capacity to:
 - a. Evaluate and critique images to identify proper patient identification, positioning, exposure factors, and technical diagnostic quality.
 - b. Select, calculate, and manipulate exposure factors adapting to the requirements of the procedure and patient's needs with sufficient speed and accuracy.

ASR Program Educational Outcomes/Competencies

1. **Goal:** The program will continuously monitor 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 12 months post-graduation
2. **Goal:** Students will apply critical thinking and problem solving skills.
Student Learning Outcomes:
 - a. Students will evaluate radiographic images
 - b. Students will perform non-routine procedures
3. **Goal:** Students will be clinically competent.
Student Learning Outcomes:
 - a. Students will apply positioning skills
 - b. Students will utilize radiation protection
 - c. Students will select proper technical factors
4. **Goal:** Students will communicate effectively.
Student Learning Outcomes:
 - a. Students will communicate effectively with patients
 - b. Students will demonstrate oral communication skills
5. **Goal:** Students will grow and develop professionally.
Student Learning Outcomes:
 - a. Students will demonstrate professional behavior
 - b. Students will treat everyone as a valued individual

A.S.R. Degree Requirements (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 1243 Algebraic Reasoning and Modeling (3 hours)
 - BIO 2204 Human Anatomy & Physiology I +- (4 hours)
 - BIO 3304 Human Anatomy & Physiology II - (4 hours)
 - CHE 1003/CHE 1001 Chemistry for Allied Health and Lab *or* General Chemistry *or* General Physics (4 hours)
- Students completing the ASR program must meet the following graduation and program requirements:
 - UNI 1111 University Seminary (1 hour)
 - UNI 1121 Critical Thinking (1 hour)
 - BIB 1013/1213 Old Testament History** (3 hours)
 - BIB 1023/1223 New Testament History** (3 hours)
 - HSC 1013 Medical Terminology (3 hours)
 - RAD 1103 Intro to Radiologic Technology (3 hours)
 - RAD 1504 Radiologic Science (4 hours)
 - RAD 1803 Radiographic Imaging I (3 hours)
 - RAD 2812 Radiographic Imaging II (2 hours)
 - RAD 2902 Radiation Protection & Biology (2 hours)
 - RAD 1305 Radiographic Procedures I (5 hours)
 - RAD 1604 Radiographic Procedures II (4 hours)
 - RAD 2612 Radiographic Procedures III (2 hours)
 - RAD 2911 Advanced Modalities (1 hour)
 - RAD 2921 Career Development (1 hour)

- RAD 2201 Contrast Agents (1 hour)
- RAD 2922 Radiologic Pathology (2 hours)
- RAD 2931 Cross-Sectional Anatomy (1 hour)
- RAD 2944 Curriculum Review (4 hours)
- RAD 1002 Clinical Education I (2 hours)
- RAD 1003 Clinical Education II (3 hours)
- RAD 2203 Clinical Education III (3 hours)
- RAD 2213 Clinical Education IV (3 hours)
- RAD 2223 Clinical Education V (3 hours)

** Graduation requirement

General education requirement

+ Must satisfy course prerequisites if minimum ACT, SAT, or CLT scores not met

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.

Health Sciences – Associate of Applied Science Degree (64-101 hours)

Various healthcare fields require the successful completion of coursework for a certificate program followed by successfully passing a national certification of examination. Those who complete both of these requirements are often required to complete a degree program in order to be employable.

Admission Requirements, A.A.S. in Health Sciences

Applicants need the following: a high school diploma or G.E.D., and a certificate of completion for a health field such as radiologic technology, respiratory therapy, and surgical technology.

In addition to admission to the University, all health sciences degree-seeking students must formally apply for admission to the College of Health Professions undergraduate Associate of Science in Health Sciences degree program. Applicants must complete SBU admission requirements for the program and provide a copy of current professional license or certificate, if applicable, and official transcripts of all college courses. *Admission criteria is subject to change.

Prerequisite: Completion of a certificate program in a healthcare related field from an approved institution. Those having already completed a certificate program in an approved healthcare field will be admitted to the Associate of Applied Science program on the basis of a current state-issued license.

- General Education Requirements (21 hours)
- Graduation Requirements (10 hours)
- Courses for certification in an approved healthcare field (35-70 hours)

Associate of Science in Health Sciences Degree (64-65 credit hours)

The College of Health Professions 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.

- Graduation Requirements (10-11 credit hours)

- BIB 1013 Old Testament History
- BIB 1023 New Testament History
- SPF 2012 Spiritual Formation or NUR/HSC 3453 Spirituality in Healthcare
- KIN 1162 Physical Fitness/Wellness
- General Education Requirements (31 credit hours)
 - Communication Studies – 6 credit hours
 - Humanities/Cultural Studies – 3 credit hours
 - Social Studies – 6 credit hours
 - Technical Studies – 11 credit hours
 - University Studies – 2 credit hours
- ASHS Major Requirements (14 credit hours)
 - BIO 2204 Anatomy and Physiology I
 - BIO 3304 Anatomy and Physiology II
 - BIO 2213 Microbiology
 - BIO 2243 Nutrition
- ASHS Program Requirements (9 credit hours)
 - HSC 2000 (Option 1)
 - 9 credit hours of any NUR, RAD, or equivalent healthcare courses approved by the department
 - HSC 2000 (Option 2)
 - HSC 1013 Medical Terminology
 - HSC 3143 Intro to Healthcare and Professionalism
 - HSC 3063 Human Growth and Development

Health Science Electives

Credit will be awarded toward the major requirements for students from an accredited professional program. Transfer credits will be given for applicable coursework from such fields as nursing, radiology, or other healthcare courses approved by the department. 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 Health Professions undergraduate Associate of Science in Health Sciences degree program. Applicants must complete SBU admissions requirements for the program and provide a copy of official transcripts of all college courses.

Area of Bachelor of Science in Nursing (RN-BSN)

The College of Health Professions offers a Registered Nurse Degree Completion Program and concurrently enrolled program for ASN students (Junior-Senior level) leading to the Bachelor of Science in Nursing (BSN). The R.N.-to-B.S.N. program is a web-based, program. Degree candidates must be registered nurse graduates from an associate degree program or a graduate of diploma program to be formally accepted into the College of Health Professions. 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.

RN-BSN Requirements (130-132 hours)

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

It is preferred that all general education and graduation requirements (except the Spiritual Formation and Cultural Studies courses, which are offered in the RN-BSN program) be successfully completed before enrolling in the RN-BSN NUR courses.

Degree Plan

- General Education Requirements (42-43 hours)
- Graduation Requirements (10-11 hours)
- Nursing Program Requirements – *usually met in ASN program* (17 hours)
 - BIO 2204 Anatomy and Physiology I* (4 hours)
 - BIO 2213 Microbiology (3 hours)
 - BIO/KIN 2243 Nutrition (3 hours)
 - BIO 3304 Anatomy and Physiology II (4 hours)
 - PSY 3063 Human Growth and Development (3 hours)
- RN-BSN Program Requirements (7 hours)
 - BIO 4404 Pathophysiology@ (4 hours)
 - BEH 2243 Statistics (3 hours)
- RN-BSN Major Requirements (28 hours)
 - NUR 3203 Transition to the BSN Role (3 hours)
 - NUR 3453 Spirituality in Health Care ** (3 hours)
 - NUR 3373 Professional Nursing Practice (3 hours)
 - NUR 3383 Gerontological Nursing (3 hours)
 - NUR 4013 Health Care in Culturally Diverse Populations # (3 hours)
 - NUR 3563 Health Care Informatics (3 hours)
 - NUR 4434 Administration and Leadership+ (4 hours)
 - NUR 4333 Research and Evidence Based Practice (3 hours)
 - NUR 3303 Health Assessment- (3 hours)
 - NUR 4404 Community Health- (4 hours)
 - NUR 4442 Capstone- (2 hours)

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

@ Course may not be transferred in from another institution

+ Course can be reviewed and considered for waiver for 'life experience.'

Approved general education alternative course

** Approved alternative for SPF 2012 (graduation requirement)

- Unencumbered RN license required course

Lower Division Nursing (30 credit hours)

Thirty hours of lower division credit will be awarded toward the major requirements for students from an accredited Associate of Science in Nursing, Associate of Applied Science in Nursing, or diploma program. These hours will only be credited toward the RN-BSN degree. Students from diploma programs will be considered for admission.

Admission Policy, RN-BSN

In addition to admission to the University, applicants must complete the following for acceptance into the RN-BSN degree program.

- Apply to SBU.

- Minimum cumulative GPA of 2.5. Students with a GPA less than 2.5 will be considered for conditional admittance into the RN-BSN program at the discretion of the Health Sciences & Post-Licensure Nursing Division Head.
- Applicants who have attended SBU in the past but have a break of one year or longer in enrollment must reapply to SBU.
- Records and/or requirements must be submitted:
 - Current RN license in state of residence/employment. Education regulations of the National Council of State Authorization for Distance Education may prohibit acceptance of applicants from certain states. See www.nc-sara.org for further details regarding states that are impacted.
 - Current BLS certification
 - Photo ID/driver's license
- Students accepted into the RN-BSN program are required to submit the following within the designated time limits (full admission into the program is contingent upon negative drug screen, acceptable background check, and immunizations):
 - Background screening
 - Drug screening
 - Immunization record (Covid, Tdap, TB, Varicella, MMR, annual influenza, Hepatitis B series)

Malpractice insurance is provided to all students upon admission to the RN-BSN program, to protect the student and the University when the student is serving in a nursing capacity for any school-related project or fulfilling required practice experience hours.

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

Unlicensed new graduates must provide an anticipated date for taking NCLEX-RN®. Following successful completion of the NCLEX-RN® examination, licensure must be verified.

Admission Policy, Concurrently Enrolled Students

- Minimum cumulative GPA of 2.7.
- ASN students may take designated RN-BSN courses during the ASN program. Students may take up to six credit hours per semester. Greater than six credit hours must be approved by the Division Head or Dean of the College of Health Professions.
- The RN-BSN courses that have been designated for concurrent enrollment in the ASN program are:
 - NUR 3013 Organization and Delivery of Health Care
 - NUR 3043 Health Care Missions
 - NUR 3083 Clinical Genetics
 - NUR 3093 Survey of Human Anatomy and Physiology for Nursing and Health Sciences
 - NUR 3203 Transition to the BSN Role
 - NUR 3373 Professional Nursing Practice
 - NUR 3383 Gerontological Nursing
 - NUR 3453 Spirituality in Health Care
 - NUR 3563 Health Care Informatics
 - NUR 4013 Health Care in Culturally Diverse Populations
 - NUR 4023 Health Care Finance
 - NUR 4333 Research and Evidence Based Practice

- NUR 4434 Administration and Leadership
- NUR 445(1-3) Special Topics in Nursing
- NUR 499(1-3) Independent Studies

Dual Enrolled Students

RN-BSN students maintaining a GPA of 3.0 or greater in their final year of the RN-BSN program are eligible to dual enroll in six (6) upper level MSN NUR hours. These hours will count for undergraduate RN-BSN and MSN graduation requirements. Dual enrollment gives students the option to start their graduate nursing degree early.

Practice Experience Requirements

Courses including practice experiences, may require additional documents by agencies or course faculty. Failure to provide requested documentation will result in the student not being allowed to participate in the course.

RN-BSN Completion Program End of Program Student Learning Outcomes

Upon completion of the baccalaureate of nursing program, the graduate will:

1. Integrate knowledge obtained from a **Christ-centered** liberal arts curriculum to guide nursing practice, **professional development**, and **lifelong learning** (Spirituality & Professional Foundation)
2. Apply leadership principles to coordinate patient care and collaborate with interdisciplinary teams. (Teamwork & Collaboration)
3. Employ practices to ensure **patient safety** and improve outcomes of care. (Safety)
4. Utilize **information management** systems to document care, support nursing practice, and guide decision making. (Information Management)
5. Incorporate **current evidence**, clinical expertise, and patient preferences in health care practice. (EBP)
6. Apply principles of **quality improvement** to monitor outcomes of care and minimize risk of harm to patients and providers. (Quality Improvement)
7. Demonstrate **professionalism** in nursing and explore the regulatory and financial drivers of the healthcare system. (Professionalism)
8. Provide continuous individualized **patient-centered care** across the lifespan in a variety of settings. (Patient Centered Care)

Area of Bachelor of Science in Health Sciences

The College of Health Professions offers a Bachelor of Science in Health Sciences. The Bachelor of Science in Health Sciences (BSHS) is a degree program for allied health professionals already in an established career or for a student interested in pursuing a degree in health care. The BSHS degree is also a dual enrollment program for ASR students (Junior-Senior) level.

Bachelor of Science in Health Sciences Degree (128-142 hours)

Students completing the BSHS program must meet all general education and graduation requirements of the University.

It is preferred that all general education and graduation requirements (except the Spiritual Formation and Cultural Studies courses, which are offered in the BSHS program) be successfully completed before enrolling in the HSC courses. All required major courses (HSC) will require a “C” or above to continue in the Health Sciences Bachelor of Science degree program.

Degree Plan

- General Education Requirements (42-43 hours)
- Graduation Requirements (10 hours)

- Program Requirements (6 hours)
 - HSC 1013 Medical Terminology (3 hours)
 - BEH 2243 Statistics (3 hours)
 - Previous Health Degree or Certificate (30-42 lower-level hours)
**An additional 29-30 hours of lower-level courses may be needed if no prior health certificate*
 - Health Sciences Major (31-37 hours)
 - HSC 3010 BSHS Orientation Course
 - HSC 3013 Organization and Delivery of Health Care (3 hours)
 - HSC 3453** Spirituality in Health Care (3 hours)
 - HSC 3133 Legal & Contemporary Issues in Health Care (3 hours)
 - HSC 3113 Ethics in Health Care (3 hours)
 - HSC 3123 Informatics for Health Care Professionals (3 hours) *or*
 HSC 3563 Health Care Informatics (3 hours)
 - HSC 4013# Health Care in Culturally Diverse Populations (3 hours)
 - HSC 4023 Health Care Finance (3 hours)
 - HSC 4133 Public Health and Education (3 hours)
 - HSC 4343 Human Resources for Health Care Professionals (3 hours)
 - HSC 4434 Administration & Leadership (4 hours)
 - HSC 4333 Research and Evidence Based Practice (3 hours)
 - HSC 4453 Capstone (3 hours)
- # Approved general education alternative course
 ** Approved alternative for SPF 2012
 * Program degree requires 128 hours: See academic advisor for suggested courses

Transfer of Credit Hours

Credit will be awarded toward the major requirements for students from an accredited professional program. These hours will only be credited toward the Bachelor of Science in Health Sciences degree. Transfer credits will be given for applicable coursework after transcript evaluation from such fields as radiology, dental hygiene, pharmacy technology, surgical technology, physical therapy, occupational therapy, among others.

- Previous Health Degree or Certificate: 30-42 lower level hours

Admission Policy, B.S. in Health Sciences

Applicants must complete SBU admission requirements for the program and provide a copy of current professional license or certificate, if applicable, and official transcripts of all college courses.

Students Applying to the BSHS Program

1. Complete an SBU application. Applicants who have attended SBU in the past but have a break of one year or longer in enrollment must reapply to SBU.
2. Provide copies of current professional license certification (if applicable), along with official transcripts of all college courses.

*Admission criteria are subject to change.

Dual Enrolled Students

ASR students may take up to six credit hours per semester for another major. Greater than six credit hours must be approved by the Division Head or Dean of the College of Health Professions. The BSHS courses that have been designated for dual enrollment in the ASR program are:

- HSC 3013 Organization and Delivery of Health Care

- HSC 3083 Clinical Genetics
- HSC 3093 Survey of Human Anatomy and Physiology for Nursing and Health Sciences
- HSC 3113 Ethics in Health Care
- HSC 3123 Informatics in Health Care Professionals *or* HSC 3563 Health Care Informatics
- HSC 3133 Legal and Contemporary Issues in Health Care
- HSC 3373 Professional Health Care Practice
- HSC 3453 Spirituality in Health Care
- HSC 4023 Health Care Finance
- HSC 4133 Public Health & Education
- NUR 4333 Research and Evidence Based Practice
- HSC 4343 Human Resources for Health Care Professionals
- HSC 4444 Leadership and Management for Health Care Professionals *or* NUR 4434 Administration and Leadership
- HSC 4453 Capstone
- HSC 499(1-3) Independent Studies

BSHS Program Educational Outcomes/Competencies

1. Communication: Demonstrate communication skills through oral, technological and written communication media.
2. Cultural Awareness: Analyze cultural environments through multicultural prospective.
3. Ethics/Professionalism: Evaluate ethical behavior and social responsibilities at the personal, organizational and societal levels.
4. Leadership: Demonstrate management / leadership principles to effectively lead in the field of health sciences.
5. Research: Apply research in the field and subfield of health sciences
6. Spirituality: 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. A.A.S. and/or B.S. in Health Sciences

All degree candidates must meet the graduation requirements of the University. For graduation, students must have an overall 2.00 GPA. Participation in outcome assessment activities is a graduation requirement. Failure to do so will result in withholding diploma until these are completed.

Area of Master of Science in Nursing

Please consult the Graduate Catalog for information related to SBU's Master of Science in Nursing program.

Robert W. Plaster College of Business

Troy Bethards, Dean

Office: Taylor 106; (417) 328-1757

<https://www.sbuniv.edu/academics/colleges/business.php>

Divisions Within the College

- Business

Mission Statement

The Robert W. Plaster College of Business equips students to pursue academic excellence through business programs with a biblical worldview in a caring environment committed to the principles of free enterprise.

Vision Statement

The Robert W. Plaster College of Business strives to be the premier provider of business programs among evangelical Christian universities, preparing Christ-centered servant leaders who leverage their academic experience for Kingdom service.

Core Values

The core values of the Robert W. Plaster College of Business are:

1. Integrity: Practicing the highest moral standards.
2. Service: Helping others through academic, professional, and community activities.
3. Respect: Honoring others through words and actions.
4. Charity: Loving one another.
5. Faithfulness: Remaining committed to God and biblical principles.
6. Truthfulness: Pursuing honesty through the Word of God.
7. Humility: Approaching all situations with a humble attitude.
8. Perseverance: Persisting in the face of challenges.
9. Professionalism: Exhibiting compassionate competence.
10. Excellence: Striving for greatness.

Specialized Accreditation

The Accreditation Council for Business Schools and Programs (ACBSP) has accredited the following programs at Southwest Baptist University:

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

The traditional business administration programs that are accredited include Management, Marketing, Economics/Finance, and International Business. The programs offered within the Business Division that are not accredited by ACBSP include: Agricultural Business, Computational Finance, Cybersecurity Management, and Digital Marketing.

Faith Integration

Faculty in the College are committed to the University mission statement and to the College mission statement, which explicitly directs instruction of the College disciplines from the context of a Christian worldview. In addition to providing a strong and rigorous curriculum in each of our specialties, our duty as Christian scholars is to help frame both our discipline and the practice of that discipline within a biblical and more specifically, a Christian context. This commitment to integrate discipline with Christian faith and practice occurs throughout the courses taught within the College. Furthermore, the College has adopted Psalm 15 as a guiding principle for our students. The College is specifically dedicated to producing “Psalm 15 Professionals” for servant leadership roles in business. 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. Psalm 15 lectures, panel discussions, or other events are held each semester featuring guests who relate their professional experiences to the Psalm 15 themes for the semester communicating how to live out a Christian worldview in their profession.

General Information

The College offers undergraduate degree programs with majors and minors within a variety of areas. Students in other fields of study are encouraged to consider one of the many minors in the various business programs in order to enhance their careers. 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. All elective courses to be applied toward the major(s) and minor(s) must be approved by the student's advisor in the College. Students may complete two majors within one area of the College. The College faculty believe assessing educational outcomes 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 exit exam.

Division of Business

Division Head: Nathan Wright

Office: Taylor 123; (417) 328-1753

Faculty: Troy Bethards, Levi Bridge, Angela Brown-Peterson, Kristin Hamm, Ryder King, David Liu, Tracy Manly, William Marr, Scott Moats, Jenell Wagner

Faculty Associates: Denby Bash, Jeremy MacLaughlin

Mission Statement

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

All students pursuing a program within the Business Division must maintain a minimum GPA of 2.25 and earn no more than two "D" letter grades within the Business Core Curriculum. Students also are required to maintain a minimum GPA of 2.25 and earn no more than one "D" letter grade within courses specific to the major (This does not apply to majors within the Accounting area. Refer to the Accounting area for requirements related to their majors).

All students pursuing a major from the Business Division are required to complete a common body of knowledge, referred to as the "Business 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. The 40-hour Business Core Curriculum includes the following courses:

Business Core Curriculum (40 hours)

- ACC 2013 Principles of Financial Accounting (3 hours)
- ACC 2043 Principles of Managerial Accounting (3 hours)
- BUS 2012 Business Communications (2 hours)
- BUS 2023 Business Statistics (3 hours)
- BUS 3073 Legal Environment of Business I (3 hours)
- CIS 3123 Survey of Data Science (3 hours)
- ECO 2023 Principles of Microeconomics (3 hours)
- ECO 2033 Principles of Macroeconomics (3 hours)
- FIN 3053 Business Finance (3 hours)
- LDR 4031 Professional Development (1 hour)
- LDR 4041 Ethics Seminar (1 hours)
- MGT 3013 Principles of Management (3 hours)
- MGT 3033 Operations Management (3 hours)
- MGT 4083 Strategic Management (3 hours)
- MKT 3023 Principles of Marketing (3 hours)

Area of Accounting

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

The area 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. This major has two tracks. The Public Accounting track prepares students to pass the CPA exam and practice in public accounting. The Accounting track is well suited for students who plan to practice in private accounting or obtain a master degree. The second degree in Accounting & Information Assurance includes the Accounting major and additional coursework in Computer Information Science. This expanded degree prepares the graduate with a fundamental understanding of accounting practices, information system design, data management and security, and data forensic principles. Accounting graduates are in high demand in business, government and non-profit organizations. A minor is also available in Accounting.

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

In order to progress into the accounting major or minor and be eligible to enroll in ACC 3023 or ACC 3024, a student must have at least a 3.00 cumulative GPA in all previous accounting classes, and a 2.75 cumulative overall GPA in all classes taken at SBU. Remedial courses such as ENG 0103 and MAT 0243 do not count toward the 2.75 overall GPA.

Accounting Major – B.S. Degree (30 hours)

In addition to the “Business Core Curriculum” of 40 hours, the Accounting Major (Public Accounting Track) 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 321I Introduction to Forensic Accounting and Audit Software (1 hour)
- ACC 4013 Advanced Accounting (3 hours)
- ACC 4043 Auditing (3 hours)
- ACC 4053 Accounting for Non-Profit and Government Entities (3 hours)

Accounting Major – B.S. Degree (24 hours)

In addition to the “Business Core Curriculum” of 40 hours, the Accounting Major (Accounting Track) 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 321I Introduction to Forensic Accounting and Audit Software (1 hour)
- *Plus two of the following courses:*
 - ACC 4013 Advanced Accounting (3 hours)
 - ACC 4043 Auditing (3 hours)

- ACC 4053 Accounting for Non-Profit and Government Entities (3 hours)
- ACC 3073 Tax Accounting II (3 hours)

Accounting & Information Assurance Major – B.S. Degree (49 hours)

In addition to the “Business Core Curriculum” of 40 hours, the Accounting & Information Assurance major must complete the following requirements:

- ACC 3023 Managerial Cost Accounting (3 hours)
- ACC 3024 Intermediate Accounting I (4 hours)
- ACC 3033 Accounting Information Systems (3 hours)
- ACC 3034 Intermediate Accounting II (4 hours)
- ACC 3063 Tax Accounting I (3 hours)
- ACC 3073 Tax Accounting II (3 hours)
- ACC 3211 Introduction to Forensic Accounting and Audit Software (1 hour)
- ACC 4013 Advanced Accounting (3 hours)
- ACC 4043 Auditing (3 hours)
- ACC 4053 Accounting for Non-Profit and Government Entities (3 hours)
- CIS 1144 Computer Science I (4 hours)
- CIS 1163 Personal Cybersecurity (3 hours)
- CIS 2033 Principles of Information Assurance (3 hours)
- CIS 2213 Introduction to Systems Analysis and Design (3 hours)
- CIS 3013 Digital Forensics Principles and Practices (3 hours)
- CIS 3323 Database Management (3 hours)

Area of Business

The Bachelor of Science degree is offered with a variety of majors including: Agricultural Business, Business Administration, Computational Finance, Cybersecurity Management, Digital Marketing, Economics/Finance, International Business, Marketing, and Management. Programs of study leading to minors in Business Administration, Economics, Financial Services, Management, and Marketing are offered as well. The Associate of Science and the Associate of Applied Science degrees in Business are also offered. Economics/Finance majors and Economics minors must receive at least a grade of C in ECO 2023 and ECO 2033 to continue with the Economics/Finance major or Economics minor.

Agricultural Business Major – B.S. Degree (30 hours)

The Bachelor of Science degree in Agricultural Business requires completion of a modified “Business Core Curriculum” (34 hours), an additional 6 hours of business courses, 21 hours of agriculture courses, and a 3-hour Internship in Agricultural Business as well as all general education and graduation requirements for the Bachelor of Science degree.

The Agricultural Business major must complete the following requirements:

- The “Business Core Curriculum” *except for* BUS 2023 Business Statistics and CIS 3123 Survey of Data Science (34 hours)
- FIN 3003 Personal Financial Planning (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- AGR 1114 Introduction to Soil Science (4 hours)
- AGR 2244 Principles of Forage and Pasture Management (4 hours)
- AGR 2444 Beef Production and Management (4 hours)
- AGR 3244 Principles of Crop Production Management (4 hours)
- AGR 4403 Principles of Ruminant Nutrition (3 hours)
- AGR 4442 Farm and Ranch Planning (2 hours)
- AGB 4983 Internship in Agricultural Business (3 hours)

Business Administration Major – B.S. Degree (15 hours)

The Bachelor of Science degree in Business Administration requires completion of a modified “Business Core Curriculum” (37 hours) and an additional 15 hours of business courses, as well as all general education and graduation requirements for the Bachelor of Science degree.

The Business Administration major must complete the following requirements:

- The “Business Core Curriculum” *except for* and CIS 3123 Survey of Data Science (37 hours)
- FIN 3003 Personal Financial Planning (3 hours)
- MGT 4033 Human Resource Management (3 hours)
- MGT 4043 Organizational Behavior and Theory (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- MKT 3033 Consumer Behavior (3 hours)

Computational Finance Major – B.S. Degree (29-32 hours)

In addition to the “Business Core Curriculum” of 40 hours, the Computational Finance major must complete the following requirements:

- CIS 1033 Foundations of Computer Science* (3 hours)
- CIS 1144 Computer Science I (4 hours)
- CIS 1154 Computer Science II (4 hours)
- CIS 2253 Web Engineering and Development (3 hours)
- ECO 3023 Money and Banking (3 hours)
- FIN 3003 Personal Financial Planning (3 hours)
- FIN 4055 Investments (3 hours)
- FIN 4073 Insurance (3 hours)
- FIN 4083 Venture Finance
- MAT 1173 Discrete Mathematics (3 hours)

* CIS 1033 can replace the general education requirement CIS 1103.

Cybersecurity Management Major – B.S. Degree (32-35 hours)

In addition to the “Business Core Curriculum” of 40 hours, the Cybersecurity Management major must complete the following requirements:

- BUS 4053 International Business (3 hours)
- CIS 1033 Foundations of Computer Science* (3 hours)
- CIS 1141 Introduction to Linux and Scripting (1 hour)
- CIS 1163 Intro to Cybersecurity (3 hours)
- CIS 2033 Principles of Information Assurance (3 hours)
- CIS 2043 System Administration (3 hours)
- ECO 3043 Managerial Economics (3 hours)
- FIN 3003 Personal Financial Planning (3 hours)
- MGT 4033 Human Resource Management (3 hours)
- MGT 4043 Organizational Behavior and Theory (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- PSY 2033 Social Engineering (3 hours)

* CIS 1033 can replace the general education requirement CIS 1103.

Digital Marketing Major – B.S. Degree (28-31 hours)

In addition to the “Business Core Curriculum” of 40 hours, the Digital Marketing major must complete the following requirements:

- ART 2703 Introduction to Graphic Design (3 hours)
- ART 3703 Graphic Design Concepts (3 hours)
- ART 3723 Digital Imaging Concepts (3 hours)
- CIS 1033 Foundations of Computer Science* (3 hours)
- CIS 1144 Computer Science I (4 hours)
- CIS 2003 Web Design (3 hours)
- CIS 2253 Web Engineering and Development (3 hours)
- MKT 3033 Consumer Behavior (3 hours)
- MKT 3083 Advertising (3 hours)
- MKT 4253 Digital and Social Media Marketing (3 hours)

* CIS 1033 can replace the general education requirement CIS 1103.

Economics/Finance Major – B.S. Degree (24 hours)

In addition to the “Business Core Curriculum” of 40 hours, the Economics/Finance major must complete the following requirements:

- ECO 3023 Money and Banking (3 hours)
- ECO 3043 Managerial Economics (3 hours)
- ECO/FIN 4173 History of Finance and Economic Thought (3 hours)
- FIN 3003 Personal Financial Planning (3 hours)
- *Plus 4 of the following courses (12 hours)*
 - ACC 3063 Tax Accounting I
 - ECO 3053 International Economics/Finance
 - FIN 4053 Investments
 - FIN 4073 Insurance
 - FIN 4083 Venture Finance

International Business Major – B.S. Degree (24 hours)

In addition to the “Business Core Curriculum” of 40 hours, the International Business major must complete the following requirements:

- BUS 4053 International Business (3 hours)
- BUS 4773 International Experience (3 hours)
- COM 3333 Intercultural Communication (3 hours)
- ECO 3053 International Economics/Finance (3 hours)
- ICS 2013 Anthropology for Cross-Cultural Service *or* ICS 4313 World Religions (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- POL 3313 International Relations *or* POL 3323 Comparative Government (3 hours)
- *Plus one of the following courses (3 hours)*
 - ECO/FIN 4173 History of Finance and Economic Thought
 - MGT 4043 Organizational Behavior and Theory
 - MKT 4253 Digital and Social Media Marketing

Management Major – B.S. Degree (24 hours)

In addition to the “Business Core Curriculum” of 40 hours, the Management major must complete the following requirements:

- BUS 4053 International Business (3 hours)
- ECO 3043 Managerial Economics (3 hours)
- FIN 3003 Personal Financial Planning (3 hours)

- MGT 4033 Human Resource Management (3 hours)
- MGT 4043 Organizational Behavior and Theory (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- MGT/MKT 4153 Retailing (3 hours)
- MKT 4263 Strategic Marketing (3 hours)

Marketing Major – B.S. Degree (24 hours)

In addition to the “Business Core Curriculum” of 40 hours, the Marketing major must complete the following requirements:

- ART 2703 Introduction to Graphic Design (3 hours)
- MKT 3033 Consumer Behavior (3 hours)
- MKT 3073 Professional Selling (3 hours)
- MKT 3083 Advertising (3 hours)
- MKT 4013 Marketing Research (3 hours)
- MKT/MGT 4153 Retailing (3 hours)
- MKT 4253 Digital and Social Media Marketing (3 hours)
- MKT 4263 Strategic Marketing (3 hours)

Robert W. Plaster College of Business – Associate’s Degrees and Minor Programs

Associate of Science in Business

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

Associate of Science in Business – A.S. Degree (14 hours)

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

- ACC 2013 Principles of Financial Accounting (3 hours)
- BUS 2012 Business Communications (2 hours)
- ECO 2033 Principles of Macroeconomics (3 hours)
- MGT 3013 Principles of Management (3 hours)
- MKT 3023 Principles of Marketing (3 hours)

Associate of Applied Science in Business

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

Associate of Applied Science in Business – A.A.S. Degree (32 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.

- ACC 2013 Principles of Financial Accounting (3 hours)
- ACC 2043 Principles of Managerial Accounting (3 hours)
- BUS 2012 Business Communications (2 hours)
- ECO 2023* Principles of Microeconomics (3 hours)
- ECO 2033 Principles of Macroeconomics (3 hours)
- MGT 3013 Principles of Management (3 hours)
- MKT 3023 Principles of Marketing (3 hours)
- Elective courses in Business (12 hours)

* ECO 2023 fulfills the General Education requirement.

Accounting Minor (19-20 hours):

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

Business Administration Minor (21 hours)

(Not available to students with majors in the Division of Business.)

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

The courses required in the business administration minor are intended to serve as preparation for SBU's M.B.A. program.

Economics Minor (18 hours)

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

Financial Services Minor (21 hour)

- ACC 2013 Principles of Financial Accounting (3 hours)
- ACC 2043 Principles of Managerial Accounting (3 hours)
- FIN 3053 Business Finance (3 hours)
- FIN 3003 Personal Financial Planning (3 hours)
- *Select three of the following courses* (9 hours)
 - ECO 3023 Money and Banking
 - FIN 4053 Investments
 - FIN 4073 Insurance
 - FIN 4083 Venture Finance
 - FIN/ECO 4173 History of Finance and Economic Thought

Management Minor (18 hours)

- MGT 3013 Principles of Management (3 hours)
- MGT 3033 Operations Management (3 hours)
- MGT 4033 Human Resource Management (3 hours)
- MGT 4043 Organizational Behavior and Theory (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)

- MGT/MKT 4153 Retailing (3 hours)

Marketing Minor (18 hours)

- MKT 3023 Principles of Marketing (3 hours)
- *Select five of the following courses* (15 hours)
 - MKT 3033 Consumer Behavior
 - MKT 3073 Professional Selling
 - MKT 3083 Advertising
 - MKT 4013 Marketing Research
 - MKT 4153 Retailing
 - MKT 4253 Digital and Social Media Marketing
 - MKT 4263 Strategic Marketing

College of Professional Programs

Troy Bethards, Dean

Office: Taylor 106; (417) 328-1757

<https://www.sbuniv.edu/academics/colleges/professional-programs.php>

Divisions Within the College

- Computing and Mathematics
- Education

Mission Statement

The College of Professional Programs equips students to pursue academic excellence through professional programs with a biblical worldview in a caring environment.

Vision Statement

The College of Professional Programs strives to be the premier provider of professional programs among evangelical Christian universities, preparing Christ-centered servant leaders who leverage their academic experience for Kingdom service.

Core Values

The core values of the College of Professional Programs are:

2. Integrity: Practicing the highest moral standards.
3. Service: Helping others through academic, professional, and community activities.
4. Respect: Honoring others through words and actions.
5. Charity: Loving one another.
6. Faithfulness: Remaining committed to God and biblical principles.
7. Truthfulness: Pursuing honesty through the Word of God.
8. Humility: Approaching all situations with a humble attitude.
9. Perseverance: Persisting in the face of challenges.
10. Professionalism: Exhibiting compassionate competence.
11. Excellence: Striving for greatness.

Specialized Accreditation

The Computer Science and Cybersecurity programs at Southwest Baptist University have been accredited by the Accreditation Board for Engineering and Technology (ABET).

The Accreditation Council for Business Schools and Programs (ACBSP) has accredited the following program within the College of Professional Programs:

- Computer and Information Sciences, B.S.

Other programs are accredited by ACBSP. They are contained within the Robert W. Plaster College of Business.

Faith Integration

Faculty in the College are committed to the University mission statement and to the College mission statement, which explicitly direct instruction of the College disciplines from the context of a Christian worldview. In addition to providing a strong and rigorous curriculum in each of our specialties, our duty as Christian scholars is to help frame both our discipline and the practice of that discipline within a biblical and more specifically, a Christian context. This commitment to integrate discipline with Christian faith and practice occurs throughout the courses taught within the College. Furthermore, the College has adopted Psalm 15 as a guiding principle for our students. The College is specifically dedicated to producing “Psalm 15 Professionals” for servant leadership roles in professional programs. 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. Psalm 15 Lectures are held each semester featuring guest speakers who relate their professional experiences to the Psalm 15 theme for the semester communicating how to live out a Christian worldview in their profession.

General Information

The College offers undergraduate degree programs with majors and minors in multiple areas. Students in other fields of study are encouraged to consider one of the many minors in the various professional programs in order to enhance their careers. 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. All elective courses to be applied toward the major(s) and minor(s) must be approved by the student's advisor in the College. Students may complete two majors within one area in the College of Professional Programs. The College faculty believes assessing educational outcomes 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 exit exam.

Division of Computing and Mathematics

Division Head: Amos Gichamba

Office: Taylor 107; (417) 328-1721

Faculty: Stephen Bowling, James Cain, Meilani Conley, Benny Fong, Amos Gichamba, Robert Glasgow, Jeffrey Kimball, Baochuan Lu

Faculty Associates: Scotti Moats, Angela Snyder

Mission Statement

We strive to provide a sound educational foundation to students in the computing and mathematics disciplines from a Christian perspective.

Area of Computing

The Area of Computing 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 Area offers a Bachelor of Science (B.S.) Degree with a major in Computer Science, Computer Information Science, Cybersecurity, Data Science, Software Engineering, and Web Systems and Design. The Area also offers programs of study leading to a minor in Computer Science, Computer Information Science, or Cybersecurity. Courses that provide general computational knowledge for students not seeking a degree offered by the Computing Area are also offered.

All students pursuing a program within the Computing Area must maintain a minimum GPA of 2.25 and earn no more than two "D" letter grades within the computing core curriculum. Students also are required to maintain a minimum GPA of 2.25 and earn no more than one "D" letter grade within courses specific to the major.

The Bachelor of Science degree with a major in Computer Science (CS), Computer Information Science (CIS), Cybersecurity (CYBER), Software Engineering (SE), or Web Systems and Design (WS&D) requires a minimum of 120 semester hours of credit. The majors require 30 semester hours of credit from Computing Core Curriculum and additional semester hours of credit from specific CIS support courses or the "College Core Curriculum." Remaining semester credit hours are earned from general education courses, graduation requirements, major support courses and free electives.

Computing Core Curriculum (30 hours)

- CIS 1033 Foundations of Computer Science (3 hours)
- CIS 1144 Computer Science I (4 hours)

- CIS 1144 requires that MAT 1243 or MAT 1195 be taken as a co-requisite
- CIS 1154 Computer Science II (4 hours)
- CIS 1163 Personal Cybersecurity (3 hours)
- CIS 2213 Systems Analysis and Design (3 hours)
- CIS 2253 Web Engineering (3 hours)
- CIS 3323 Database Management (3 hours)
- CIS 3333 Algorithms and Data Structures (3 hours)
- CIS 4462 Applied Software Engineering I (2 hours)
- CIS 4472 Applied Software Engineering II (2 hours)

Computer Science Major – B.S. Degree

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

- Computing Core (30 hours)
- CIS and Other Support (52-53 hours)
 - CIS 2012 Networks (2 hours)
 - CIS 3412 Machine Organization (2 hours)
 - CIS 3423 Programming Languages (3 hours)
 - CIS 4423 Operating Systems (3 hours)
 - CIS 4433 Numerical Methods (3 hours)
 - Pick any 3-credit hour CIS course at the 2000-level or above, except CIS 4983 (3 hours)
 - MAT 1173 Discrete Mathematics (3 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 2255 Calculus II (5 hours)
 - MAT 2263 Calculus III (3 hours)
 - MAT 3323 Linear Algebra (3 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - CHE 1103/1101, CHE 1114/1111, PHS 1003/1001, PHS 1113/1111, PHS 2313/2311, PHY 2214/PHY 2211 (4-5 hours)
 - Plus 5 hours from physics, chemistry, biology or mathematics, 2000 level or above, or CHE 1124/1121, PHS 2313/2311, PHS 295(1-5), PHS 3303, or PHY 1124/1121 (5 hours)
 - ECO 2023 Principles of Microeconomics (3 hours)
 - LDR 4031 Professional Development (1 hour)
 - LDR 4041 Ethics Seminar (1 hour)

Computer Information Science Major – B.S. Degree

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

- Computing Core (30 hours)
- Business Core (40 hours)
 - ACC 2013 Principles of Financial Accounting (3 hours)
 - ACC 2043 Principles of Managerial Accounting (3 hours)
 - BUS 2012 Business Communications (2 hours)
 - BUS 2023 Business Statistics (3 hours)
 - BUS 3073 Legal Environment of Business I (3 hours)
 - CIS 3123 Survey of Data Science (3 hours)
 - ECO 2023 Principles of Microeconomics (3 hours)
 - ECO 2033 Principles of Macroeconomics (3 hours)
 - FIN 3043 Business Finance (3 hours)
 - LDR 4031 Professional Development (1 hour)
 - LDR 4041 Ethics Seminar (1 hour)
 - MGT 3013 Principles of Management (3 hours)

- MGT 3033 Operations Management (3 hours)
 - MGT 4083 Strategic Management (3 hours)
 - MKT 3023 Principles of Marketing (3 hours)
- CIS and Other Support (13 hours)
 - CIS 2012 Networks (2 hours)
 - CIS 3313 Advanced Systems Analysis and Design (3 hours)
 - CIS 3412 Machine Organization (2 hours)
 - Pick any 3-credit hour CIS course at the 2000-level or above, except CIS 4983 (3 hours)
 - MAT 1173 Discrete Mathematics (3 hours)

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

Computer science certification in Missouri is obtained by having initial certification in another content area and then earning a passing score on the Missouri computer science content assessment.

- Required General Education Courses (42 hours)
 - *Note:* CIS 1033 is the required and MAT 1243 or higher math is required. MAT 1243 (or higher math class) is a required co-requisite with CIS 1154.
- Required Graduation Requirement Courses (10 hours)
- Required Computing Core Classes (22 hours)
 - CIS 1144 Computer Science I (4 hours)
 - CIS 1154 Computer Science II (4 hours)
 - CIS 1163 Personal Cybersecurity (3 hours)
 - CIS 2003 Web Design (3 hours)
 - CIS 2012 Networks (2 hours)
 - CIS 2213 Systems Analysis and Design (3 hours)
 - CIS 2253 Web Engineering (3 hours)
- Required Support Course (3 hours)
 - BEH 2243 Statistics (3 hours)
- Required EDU Support Courses (44 hours)
 - EDU 2113 Educational Psychology (3 hours)
 - EDU 2141 Field Experience Level 1 (1 hour)
 - EDU 2313 Foundations of Education (3 hours)
 - EDU 2823 Technology for Educators (3 hours)
 - EDU 3013 Analyzing and Amending Reading Problems (3 hours)
 - EDU 3043 Learner Development and the Classroom (3 hours)
 - EDU 3333 Principles and Methods of Secondary Instruction (3 hours)
 - EDU 3341 Field Experience Level 2 (1 hour)
 - EDU 3613 Content Area Literacy (3 hours)
 - EDU 3833 Behavior and Classroom Management – Secondary (3 hours)
 - EDU 4213 Methods of Teaching Computer Science (3 hours)
 - EDU 4623 Teaching Diverse Learners (3 hours)
 - EDU 4691 Student Teaching Seminar (1 hour)
 - EDU 4832 Assessment and Evaluation of Learners (2 hours)
 - EDU 4949 Student Teaching in the Secondary School (10 hours)

Cybersecurity Major – B.S. Degree

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

- Computing Core (30 hours)
- Computing and Other Support (58-60 hours)
 - CIS 1033 Foundations of Computer Science (3 hours)
 - CIS 1141 Introduction to Linux and Scripting (1 hour)
 - CIS 2012 Networks (2 hours)
 - CIS 2033 Information Assurance (3 hours)
 - CIS 2043 System Administration (3 hours)
 - CIS 3013 Digital Forensics (3 hours)
 - CIS 3023 Network Security (3 hours)
 - CIS 3033 Secure Software (3 hours)
 - CIS 3412 Machine Organization (2 hours)
 - CIS 4423 Operating Systems (3 hours)
 - CIS 4453 Systems Security (3 hours)
 - CIS 4463 Ethical Hacking (3 hours)
 - MAT 1173 Discrete Mathematics (3 hours)
 - One of the following courses (3-5 hours)
 - MAT 1193 Business Calculus (3 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - One of the following courses (3 hours)
 - MAT 3473 Analysis of Variance (3 hours)
 - MAT 4343 Mathematical Statistics II (3 hours)
 - LDR 4031 Professional Development (1 hour)
 - LDR 4041 Ethics Seminar (1 hour)
 - ECO 2023 Principles of Microeconomics (3 hours)
 - PSY 2033 Social Engineering (3 hours)
 - CRJ 2313 Introduction to Criminal Justice (3 hours)
 - *Plus one of the following four courses: BUS 3073, BEH 3073, SOC 4033, CRJ 4333 (3 hours)*

Data Science Major – B.S. Degree

Designed for students interested in pursuing graduate study in data science or who are interested in careers involving data science, data analytics, data mining, or **related** software development. Students will complete the following courses:

- Computing Core (30 hours)
- CIS and Other Support (47-48 hours)
 - CIS 2033 Information Assurance (3 hours)
 - CIS 3123 Survey of Data Science (3 hours)
 - CIS 3433 Artificial Intelligence and Machine Learning (3 hours)
 - CIS 3513 Data Visualization (3 hours)
 - CIS 4523 Programming Analytics (3 hours)
 - CIS 4533 Modeling for Data Science (3 hours)
 - MAT 1173 Discrete Mathematics (3 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 3323 Linear Algebra (3 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - MAT 3473 Analysis of Variance (3 hours)
 - MAT 4343 Mathematical Statistics II (3 hours)

- CHE 1103/1101, CHE 1114/1111, PHS 1003/1001, PHS 1113/1111, PHS 2313/2311, PHY 2214/PHY 2211 (4-5 hours)
- ECO 2023 Principles of Microeconomics (3 hours)
- LDR 4031 Professional Development (1 hour)
- LDR 4041 Ethics Seminar (1 hour)

Software Engineering Major – B.S. Degree

Designed for students interested in careers involving software development and information processing, including that related to the field of big data. Students will complete computing internship credits as a part of this major, but students are not placed with companies by SBU and must apply for internship positions on their own. Students will complete the following courses:

- Computing Core (30 hours)
- CIS and Other Support (59-60 hours)
 - CIS 2012 Networks (2 hours)
 - CIS 3033 Secure Software (3 hours)
 - CIS 3123 Survey of Data Science (3 hours)
 - CIS 3313 Advanced System Analysis and Design (3 hours)
 - CIS 3412 Machine Organization (2 hours)
 - CIS 3433 Artificial Intelligence and Machine Learning (3 hours)
 - CIS 3553 Software Quality Assurance and Testing (3 hours)
 - CIS 4423 Operating Systems (3 hours)
 - 3 hours of CIS 498(1-3) Internship in Computing (3 hours)
 - MAT 1173 Discrete Mathematics (3 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - Either complete a minor in Mathematics or Statistics:
 - MAT 2255, MAT 2263, and MAT 3323 or MAT 4433 (11 hours)
 - MAT 3332, MAT 3323, MAT 3473, and MAT 4343 (11 hours)
 - ECO 2023 Principles of Microeconomics (3 hours)
 - LDR 4031 Professional Development (1 hour)
 - LDR 4041 Ethics Seminar (1 hour)
 - 3 hours of LDR and / or MGT, 2000-level or above (3 hours)
 - CHE 1104, CHE 1115, PHS 1004, PHS 1114, PHS 2314, PHY 1115, or PHY 2215 (4-5 hours)

Web Systems and Design Major – B.S. Degree

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

- Computing Core (30 hours)
- Computing and Other Support (45 hours)
 - CIS 2003 Web Design (3 hours)
 - CIS 2012 Networks (2 hours)
 - CIS 3113 Interface and Interaction Design (3 hours)
 - CIS 3313 Advanced Systems Analysis and Design (3 hours)
 - CIS 3363 Mobile App Development (3 hours)
 - CIS 3412 Machine Organization (2 hours)
 - ART 2703 Introduction to Graphic Design (3 hours)
 - ART 3723 Digital Imaging Concepts (3 hours)
 - *One of the following two courses:* ART 3043 or ART 3703 (3 hours)
 - BUS 2023 Business Statistics (3 hours)
 - ECO 2023 Principles of Microeconomics (3 hours)

- LDR 4031 Professional Development (1 hour)
- LDR 4041 Ethics Seminar (1 hour)
- MAT 1173 Discrete Mathematics (3 hours)
- MKT 3023 Principles of Marketing (3 hours)
- MKT 4253 Social Media Marketing (3 hours)
- *One of the following three courses: COM 3333, COM 3353, COM/ENG 3813 (3 hours)*

Area of Mathematics

The Area 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.

The SBU Area of Mathematics pursues excellence by:

- helping students familiarize themselves with mathematical skills and basic mathematical structures necessary for applications and interpretation of life experiences from a Christian perspective;
- seeking to enable students to appreciate graphical presentation of information, logical reasoning, and precision of statement and thought;
- preparing students for continued scholarship and positions of leadership from a Christian perspective in secondary mathematics teaching, graduate study in mathematically related fields, and employment in a global society with many problems that need solutions;
- promoting scholarship of the faculty by encouraging pursuit of advanced degrees, continuing professional development, research, and professional presentations and publications.

Mathematics Service Courses

Service courses are offered by the area, 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 0243

Mathematical Literacy (which does not count toward the 120-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 0243 Mathematical Literacy (3 hours)
- MAT 1243 Algebraic Reasoning and Modeling (3 hours)
- MAT 1163 Pre-Calculus (3 hours)
- MAT 1173 Discrete Mathematics (3 hours)
- MAT/BUS 1193 Business Calculus (3 hours)
- MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers (3 hours)

Mathematics Major - B.A. Degree

All students graduating from Southwest Baptist University are required to complete at least 120 hours of credit to be earned by completion of the University general education requirements, University graduation requirements, courses within their major and other elective courses.

- Core Courses (27 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 2255 Calculus II (5 hours)
 - MAT 2263 Calculus III (3 hours)
 - MAT 3313 Abstract Algebra (3 hours)
 - MAT 3323 Linear Algebra (3 hours)
 - MAT 4663 Advanced Calculus (3 hours)

- MAT 3332 Symbolic Logic and Set Theory (2 hours)
- MAT 3343 Mathematical Statistics (3 hours)
- Elective Courses – *select four of the following courses* (10-12 hours)
 - MAT/PHY 3263 Mathematics for Science and Engineering I (3 hours)
 - MAT 3353 Integrated Mathematics (3 hours)
 - MAT 3363 Differential Equations (3 hours)
 - MAT 3372 Math Technologies (2 hours)
 - MAT 3382 History of Mathematics (2 hours)
 - MAT/PHY 4263 Mathematics for Science and Engineering II (3 hours)
 - MAT 4343 Mathematical Statistics II (3 hours)
 - MAT/CIS 4433 Numerical Methods (3 hours)
 - MAT/CIS 4533 Mathematical Data Modeling (3 hours)
 - MAT 4483 Contemporary Geometry (3 hours)
- Required Support Courses (5 hours)
 - CIS 1033 Foundations of Computer Science (3 hours) – *meets computer science general education and also serves as support for mathematics*
 - SCF 3422 Mathematics Through the Eyes of Faith (2 hours)

Mathematics Major - B.S. Degree

Same requirements as those for the B.A. degree, except that CIS 1144 or Secondary Certification is required instead of foreign language.

Certification for Teaching High School (Mathematics 9-12)

Students seeking certification with their mathematics major have the following courses added to the core courses listed above.

- MAT 3353 Integrated Mathematics (3 hours)
- MAT 3372 Math Technologies (2 hours)
- MAT 3382 History of Mathematics (2 hours)
- MAT 3391 Preparing for Secondary Mathematics Teacher Certification Exam – *waived if student has already passed the math certification exam by spring of junior year* (1 hour)
- MAT 4483 Contemporary Geometry (3 hours)
- Professional Education Coursework (48 hours)
 - See B.S. Degree in Content Areas, Grades 9-12, K-12

The required support course requirement is the same. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in Mathematics coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the area of Mathematics and the Division of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. Please see Division of Education – Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

Division of Education

Division Head: Kevin Patterson

Office: Gott Educational Center 102; (417) 328-1717 or (417) 328-2043

Faculty: Julie Bryant, Jennifer Fox, Charles Lentz, Scott Morrison, Tamara Samek, Colleen Shuler

Coordinator of Teacher Education: Julie Bryant

Certification Officer and Coordinator of Clinical Experiences: Jennifer Fox

Mission Statement

The Division of Education is a learning community preparing teachers and administrators to be caring, effective practitioners in today's schools.

The teacher education program is approved by the State Board of Education of the State of Missouri on an annual basis. The Missouri Department of Elementary and Secondary Education (DESE) grants this approval. When state department requirements change for teacher certification, the new requirements take precedence over this catalog. SBU reserves the right to amend the curriculum and require teaching certificate candidates to graduate under a program that reflects these changes. Southwest Baptist University is authorized to conduct a professional education program and recommend candidates for initial certification as listed in the table below. Total hours must meet SBU's graduation requirements. The Teacher Education Program is also recognized by the Association of Christian Schools International (ACSI).

- Elementary 1-6
- Middle School 5-9
 - Language Arts 5-9
 - Mathematics 5-9
 - Science 5-9
 - Social Science 5-9
 - Speech/Theatre 5-9 (concentration area) (Suspended)
- Mountain View Campus
 - Elementary 1-6
- Certification in content areas 9-12, K-12
 - Art K-12
 - Biology 9-12
 - Chemistry 9-12
 - Computer Science 9-12*
 - English 9-12
 - Mathematics 9-12
 - Music (Instrumental, Vocal) K-12
 - Physical Education K-12
 - Social Science 9-12
 - Speech and Theatre 9-12 (Suspended)
 - Spanish K-12

Before being admitted into the teacher education program, candidates must pass all sections of the Missouri General Education Assessment (MoGEA) or have an ACT composite score of 20 or greater, achieve a grade point average of 3.0 in professional education coursework, a grade point average of 3.0 in the candidates' chosen area, and the approval of the Division of Education faculty and faculty in the

candidate's chosen area. Additional requirements and procedures are found in the Teacher Education Handbook.

Under Title II reporting during the 2017-2018 academic year, 131 undergraduate students had been accepted into the teacher education program and were pursuing elementary, middle, or secondary certification. A total of 57 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 teacher candidate-faculty ratio in supervised student teaching during the 2017-2018 report year was 2.4 in the fall and 3.1 in the spring.

Bachelor of Arts Degree: Elementary Education Certification, Grades 1-6

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Bachelor of Arts/General Education Requirements.)

Bachelor of Science Degree: Elementary Education Certification, Grades 1-6

On the Bolivar campus, Elementary Education majors must complete prescribed course work in elementary education in order to receive initial certification. This includes University general education requirements, graduation requirements, and recommended completion of supporting work in one of the following focus areas. A list of the focus area courses may be obtained from the Division of Education.

Focus Areas

- Art
- Early Childhood (Birth-Grade 3)
- Literacy
- Middle School Education 5-9 (Choose one content area)
- Physical Education
- Spanish

On the Mountain View campus, students complete a Social Science focus area.

General Education Requirements

Southwest Baptist University's Division of Education requires that the following courses be taken by elementary education teacher candidates (specific general education courses – alternate general education courses must be approved by the Division of Education):

- GEO 1103 Geography
- MAT 1243 Algebraic Reasoning and Modeling
- PHS 2005 Physical Science for Elementary and Middle School Teachers

Professional Education Coursework (70-73 hours)

- EDU 2113 Educational Psychology
- EDU 2121 Field Experience Level 1
- EDU 2283 Methods of Teaching Number Theory in Elementary and Middle Schools
- EDU 2313 Foundations of Education
- EDU 2343 Emergent Literacy
- EDU 2353 Children's Literature
- EDU 2483 School, Home, and Community Collaboration
- EDU 2823 Technology for Educators

- EDU 3003 Teaching Social Sciences in the Early Childhood and Elementary Classroom
 - EDU 3043 Learner Development and the Classroom
 - EDU 3114 Teaching Literacy in the Early Childhood and Elementary Classroom I
 - EDU 3124 Teaching Literacy in the Early Childhood and Elementary Classroom II
 - EDU 3143 Integrating Art, Music, and Movement in the Early Childhood and Elementary Classroom
 - EDU 3163 Teaching Integrated Math in the Early Childhood and Elementary Classroom
 - EDU 3183 Teaching Integrated Science in the Early Childhood and Elementary Classroom
 - EDU 3311 Field Experience Level 2 in Lower Elementary (Grades 1-3)
 - EDU 3321 Field Experience Level 2 in Upper Elementary (Grades 4-6)
 - EDU 3503 Curriculum Planning and Assessment
 - EDU 3823 Behavior and Classroom Management in the Early Childhood and Elementary Classroom
 - EDU 4593 Spiritual Issues in the Classroom**
 - EDU 4623 Teaching Diverse Learners
 - EDU 4691 Student Teaching Seminar
 - EDU 4929 Student Teaching in the Elementary 1-6 School
 - KIN 3093 Responding to Emergencies – *or documentation of current CPR certification*
 - MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers
- ** Approved alternative for SPF 2012 (graduation requirement)

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 a minimum of 24 semester hours in one of the areas of concentration listed below (primary area). It is suggested that middle school majors complete a minimum of 15 semester hours in a second area of concentration (second area). A copy of the certificate planning sheets in each area of certification may be obtained from the Division of Education or on the Division of Education web site.

- Language Arts (5-9)
- Mathematics (5-9)
- Science (5-9)
- Social Science (5-9)
- Speech/Theatre (5-9) (Suspended)
- Spanish – only as a second area of concentration

Professional Education Coursework (90-96 hours)

(Includes courses in primary and second area of concentration)

- EDU 2113 Educational Psychology
- EDU 2131 Field Experience Level I (observing/assisting) in Middle School/Jr. High
- EDU 2313 Foundations of Education
- EDU 2483 School, Home, and Community Collaboration
- EDU 2823 Technology for Educators

- EDU 3013 Analyzing and Amending Reading Problems
 - EDU 3043 Learner Development and the Classroom
 - EDU 3331 Field Experience Level 2 in Middle School
 - EDU 3613 Content Area Literacy
 - EDU 3833 Behavior and Classroom Management – Secondary
 - EDU 4473 Psychology of the Middle School Student
 - EDU 4493 Middle School Curriculum
 - EDU 45__ Methods of Teaching in Primary Area (2-3 hours)
 - EDU 4593 Spiritual Issues in the Classroom**
 - EDU 4623 Teaching Diverse Learners
 - EDU 4691 Student Teaching Seminar
 - EDU 4832 Assessment and Evaluation of Learners
 - EDU 4939 Student Teaching in the Middle 5-9 School
- ** Approved alternative for SPF 2012 (graduation requirement)

Language Arts (24 hours)

- ENG 1113 English Composition I
- ENG 2213 English Composition II *or* ENG 1123 English Composition (Honors)
- ENG 3353 Advanced Composition
- ENG 3373 Structure of the English Language
- ENG 3303 American Literature for Young Adults
- ENG ____ American Literature Elective
- ENG ____ English or World Literature Elective
- EDU/ENG 4543 Methods of Teaching Writing

Mathematics (24-25 hours)

- MAT 1243 Algebraic Reasoning and Modeling
- MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers
- MAT 1195 Calculus I
- MAT 3343 Mathematical Statistics
- MAT 3353 Integrated Math
- MAT 3372 Math Technologies
- MAT 3382 History of Mathematics
- 3 hours of upper division math electives

Science (25 hours)

- BIO 1003 Principles of Biology/BIO 1001 Principles of Biology Lab
- 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 1114/CHE 1111 General Chemistry I and Lab

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: From the Renaissance to the Present
- HIS 2213 History of the U.S.I or HIS/HON 2013 Honors U.S. History I
- HIS 2223 History of the U.S. II
- POL 1113 American Government and Politics or POL/HON 1013 Honors American Government and Politics
- POL 2223 American State and Local Government
- GEO 1103 Geography
- ECO 2023 Principles of Microeconomics or ECO 2033 Principles of Macroeconomics

Speech/Theatre (24 hours) (Suspended)

- COM 1103 Fundamental of Speech Communication or COM/HON 2213 Honors Fundamentals of Speech Communication
- COM 3023 Argumentation and Debate
- COM 3303 Oral Interpretation of Literature
- COM 3313 Advanced Public Speaking
- COM 3383 Small Group Communication or COM 2393 Interpersonal Communication
- THR/FAR 1033 Introduction to Theatre
- THR 1053 Stagecraft
- THR 3013 Stage Management

Bachelor of Arts Degree: Certification in Content Areas, Grades 9-12

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Graduation Requirements.)

Bachelor of Science Degree: Certification in Content Areas, Grades 9-12, K-12

Specific course requirements for obtaining certificates to teach in subject matter areas are established by the division involved in cooperation with the Division 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 Division of Education or on the Division of Education web site.

Certification in secondary education consists of completion of an academic major in which initial certification is sought and completion of Professional Education Requirements.

Professional Education Coursework (42-46 hours)

- EDU 2113 Educational Psychology
- EDU 2141 Field Experience Level 1 (observing/assisting) – Secondary
- EDU 2313 Foundations of Education
- EDU 2823 Technology for Educators
- EDU 3013 Analyzing & Amending Reading Problems – *not required for K-12 certification*
- EDU 3043 Learner Development and the Classroom
- EDU 3333 Principles and Methods of Secondary Instruction
- EDU 3341 Field Experience Level 2 – Secondary School
- EDU 3613 Content Area Literacy

- EDU 3833 Behavior and Classroom Management – Secondary
 - EDU 45__ Methods of Teaching in the Content Area (2-4 hours)
 - EDU 4593 Spiritual Issues in the Classroom**
 - EDU 4623 Teaching Diverse Learners – *for Physical Education K-12, take KIN 4043*
 - EDU 4691 Student Teaching Seminar
 - EDU 4832 Assessment and Evaluation of Learners
 - EDU 4949 Student Teaching Secondary 9-12 School *or* EDU 4959 Student Teaching in the K-12 School
- ** Approved alternative for SPF 2012 (graduation requirement)

Bachelor of Arts Degree: Global Education – Elementary (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: Global Education – Elementary (grades 1-6)

The Bachelor of Science in Global Education degree with an elementary focus is a total of 135 hours. Currently offered on the Bolivar campus, Global Education majors must complete prescribed coursework in elementary education in order to receive initial certification. This degree includes University general education requirements (with modifications for Global Education majors) and selected coursework from Intercultural Studies and Christian Ministry. A copy of the certificate planning sheet and trial four-year plan may be obtained from the Division of Education or on the Division of Education website. Students will complete the student teaching semester in another country in an approved, accredited school with a certified cooperating teacher and an SBU-approved university supervisor overseeing their experience.

General Education Requirements

Southwest Baptist University's Division of Education requires that the following courses be taken by Global Education teacher candidates (specific general education courses – alternate general education courses must be approved by the Division of Education):

- HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance OR
- HIS 1123 Introduction to the History of World Civilization: From the Renaissance to Present (in place of HIS 2213 or 2223)
- ICS 2911 Cross-Cultural Service Project (two mission trips; meets Fine Arts/Cultural Studies requirement)
- MAT 1243 Algebraic Reasoning and Modeling
- PHS 2005 Physical Science for Elementary and Middle School Teachers

Professional Education Coursework (70-73 hours)

- EDU 2113 Educational Psychology
- EDU 2121 Field Experience Level 1
- EDU 2283 Methods of Teaching Number Theory in Elementary and Middle Schools
- EDU 2313 Foundations of Education
- EDU 2343 Emergent Literacy
- EDU 2353 Children's Literature
- EDU 2483 School, Home, and Community Collaboration
- EDU 2823 Technology for Educators
- EDU 3003 Teaching Social Sciences in the Early Childhood and Elementary Classroom
- EDU 3043 Learner Development and the Classroom

- EDU 3114 Teaching Literacy in the Early Childhood and Elementary Classroom I
 - EDU 3124 Teaching Literacy in the Early Childhood and Elementary Classroom II
 - EDU 3143 Integrating Art, Music, and Movement in the Early Childhood and Elementary Classroom
 - EDU 3163 Teaching Integrated Math in the Early Childhood and Elementary Classroom
 - EDU 3183 Teaching Integrated Science in the Early Childhood and Elementary Classroom
 - EDU 3311 Field Experience Level 2 in Lower Elementary (Grades 1-3)
 - EDU 3321 Field Experience Level 2 in Upper Elementary (Grades 4-6)
 - EDU 3503 Curriculum Planning and Assessment
 - EDU 3823 Behavior and Classroom Management in the Early Childhood and Elementary Classroom
 - EDU 4593 Spiritual Issues in the Classroom**
 - EDU 4623 Teaching Diverse Learners
 - EDU 4691 Student Teaching Seminar
 - EDU 4929 Student Teaching in the Elementary 1-6 School
 - KIN 3093 Responding to Emergencies – *or documentation of current CPR certification*
 - MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers
- ** Approved alternative for SPF 2012 (graduation requirement)

Intercultural Studies Coursework (12 hours)

- CHR 3073 Introduction to Disciple-making and Evangelism
- ICS 2013 Anthropology for Cross-Cultural Service
- ICS 3023 Cross-Cultural Life and Service
- ICS 4313 World Religions

Recommended Coursework (3 hours)

For Global Education majors who have room in their schedule, it is highly recommended to take COM 3333 Intercultural Communication

Bachelor of Arts Degree: Global Education - Middle School (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: Global Education - Middle School (grades 5-9)

The Bachelor of Science in Global Education degree with a middle school focus is a total of 128-136 hours, depending on the chosen content area. Currently offered on the Bolivar campus, Global Education majors must complete prescribed coursework in middle school education in order to receive initial certification. This includes a minimum of 24 semester hours in one area of concentration (language arts, mathematics, science, or social science). Other coursework includes University general education requirements (with modifications for Global Education majors) and selected classes from Intercultural Studies and Christian Ministry areas. A copy of the certificate planning sheets and trial four-year plans in each area of certification may be obtained from the Division of Education or on the Division of Education website. Students will complete the student teaching semester in another country in an approved, accredited school with a certified cooperating teacher and an SBU-approved university supervisor overseeing their experience.

General Education Requirements

Southwest Baptist University's Division of Education requires that the following courses be taken by

Global Education teacher candidates (specific general education courses – alternate general education courses must be approved by the Division of Education):

- HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance OR
- HIS 1123 Introduction to the History of World Civilization: From the Renaissance to Present (in place of HIS 2213 or 2223)
- ICS 2911 Cross-Cultural Service Project (two mission trips; meets Fine Arts/Cultural Studies requirement)
- MAT 1243 Algebraic Reasoning and Modeling

Professional Education Coursework (70-78+ hours)

- EDU 2113 Educational Psychology
- EDU 2131 Field Experience Level I (observing/assisting) in Middle School/Jr. High
- EDU 2313 Foundations of Education
- EDU 2483 School, Home, and Community Collaboration
- EDU 2823 Technology for Educators
- EDU 3013 Analyzing and Amending Reading Problems
- EDU 3043 Learner Development and the Classroom
- EDU 3331 Field Experience Level 2 in Middle School
- EDU 3613 Content Area Literacy
- EDU 3833 Behavior and Classroom Management – Secondary
- EDU 4473 Psychology of the Middle School Student
- EDU 4493 Middle School Curriculum
- EDU 45__ Methods of Teaching in Primary Area (2-3 hours)
- EDU 4593 Spiritual Issues in the Classroom**
- EDU 4623 Teaching Diverse Learners
- EDU 4691 Student Teaching Seminar
- EDU 4832 Assessment and Evaluation of Learners
- EDU 4939 Student Teaching in the Middle 5-9 School

** Approved alternative for SPF 2012 (graduation requirement)

Content Areas (choose one)

Language Arts (24 hours)

- ENG 1113 English Composition I
- ENG 2213 English Composition II or ENG 1123 English Composition (Honors)
- ENG 3413 Survey of World Literature
- ENG 3353 Advanced Composition
- ENG 3373 Structure of the English Language
- ENG 3303 American Literature for Young Adults
- ENG ____ American Literature Elective
- EDU/ENG 4543 Methods of Teaching Writing

Mathematics (24-25 hours)

- MAT 1243 Algebraic Reasoning and Modeling
- MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers

- MAT 1195 Calculus I
- MAT 3343 Mathematical Statistics
- MAT 3353 Integrated Math
- MAT 3372 Math Technologies
- MAT 3382 History of Mathematics
- 2-3 hours of upper division math electives

Science (25 hours)

- BIO 1003 Principles of Biology/ BIO 1001 Principles of Biology Lab
- 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 1114/CHE 1111 General Chemistry I and Lab

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: From the Renaissance to the Present
- HIS 2213 History of the U.S.I or HIS/HON 2013 Honors U.S. History I
- HIS 2223 History of the U.S. II
- POL 1113 American Government and Politics or POL/HON 1013 Honors American Government and Politics
- POL 2223 American State and Local Government
- GEO 1103 Geography
- ECO 2023 Principles of Microeconomics or ECO 2033 Principles of Macroeconomics

Intercultural Studies Coursework (12 hours)

- CHR 3073 Introduction to Disciple-making and Evangelism
- ICS 2013 Anthropology for Cross-Cultural Service
- ICS 3023 Cross-Cultural Life and Service
- ICS 4313 World Religions

Recommended Coursework (3 hours)

For Global Education majors who have room in their schedule, it is highly recommended to take COM 3333 Intercultural Communication.

Associate Degrees in Teaching

Students pursuing the *Associate of Arts in Teaching* must complete the following requirements:

- General Education Requirements – some options are specified (44 hours)
- Graduation Requirements – includes a foreign language (16-18 hours)
- Education Coursework: EDU 2113, 2121 or 2131 or 2141, 2313 and 2823 (10 hours)
- **Total: 70-72 hours**

Students pursuing the *Associate of Science in Teaching* must complete the following requirements:

- General Education Requirements – some options are specified (44 hours)

- Graduation Requirements (10 hours)
- Education Coursework: EDU 2113, 2121 or 2131 or 2141, 2313 and 2823 (10 hours)
- **Total: 64 hours**

College of Professional Programs – Associate's Degrees and Minor Programs

Students may complete minors in Computer Science, Computer Information Science, Cybersecurity, Mathematics, and Statistics. Electives must be approved by the program advisor in the College of Professional Programs. Course requirements are as follows:

Computer Science Minor (23 hours)

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

- CIS 1144 Computer Science I (4 hours)
- CIS 1154 Computer Science II (4 hours)
- CIS 3333 Algorithms and Data Structures (3 hours)
- MAT 1173 Discrete Mathematics (3 hours)
- CIS 2000 level or above (9 hours)

Computer Information Science Minor (23 hours)

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

- 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 (9 hours)

Cybersecurity Minor (19-22 hours)*

- CIS 1144 Computer Science I (4 hours)
- CIS 1163 Personal Cybersecurity (3 hours)
- *Select two of the following support courses (3-6 hours)*
 - CIS 1141 Introduction to Linux and Scripting (1 hour)
 - CIS 2012 Networks (2 hours)
 - CIS 2043 System Administration (3 hours)
 - CIS 4423 Operating Systems (3 hours)
- *Select three of the following cybersecurity courses (9 hours)*
 - CIS 2033 Principles of Information Assurance (3 hours)
 - CIS 3013 Digital Forensics Principles and Practices (3 hours)
 - CIS 3023 Network Security (3 hours)
 - CIS 3033 Secure Software (3 hours)
 - CIS 4453 Systems Security (3 hours)
 - CIS 4463 Ethical Hacking (3 hours)
 - PSY 2033 Social Engineering (3 hours)

**Note:* Students with majors in the Area of Computing may not count CIS 2012 toward a Cybersecurity minor. Computer Science majors may not count CIS 4423 towards a Cybersecurity minor. AIA majors may not count CIS 2033 or CIS 3013 towards a Cybersecurity minor. Cybersecurity Management majors may not count CIS 1141, CIS 2033, or CIS 2043 towards a Cybersecurity minor. Some courses have prerequisites.

Mathematics Minor (19 hours)

(Not available as a joint minor with Mathematics major or Mathematics Education major)

- MAT 1195 Calculus I (5 hours)
- MAT 2255 Calculus II (5 hours)
- Three other non-freshman mathematics courses, excluding MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers, MAT 3221 Mentorship in Computing and Mathematics, and MAT 3391 Preparing For Secondary Mathematics Teacher Certification Exam
- Required Support Courses – *select one of the following courses:*
 - CIS 1033 Foundations of Computer Science (3 hours)
 - CIS 1144 Computer Science I (4 hours)

Minor in Statistics (15-17 hours)

- MAT 1195 Calculus I (5 hours) *or* MAT/BUS 1193 Business Calculus (3 hours)
- MAT 3343 Mathematical Statistics *or* BEH 2243 Statistics *or* BUS 2023 Business Statistics (3 hours)
- MAT 3323 Linear Algebra (3 hours)
- MAT 4343 Mathematical Statistics II (3 hours)
- MAT 3473 Analysis of Variance (3 hours)

Students majoring in Mathematics and minoring in Statistics cannot count MAT 4343 or MAT 3473 toward a Mathematics major. Students minoring in Mathematics and minoring in Statistics cannot count MAT 3343, MAT 3323, MAT 4343, or MAT 3473 toward a Mathematics minor.

Department of Online Learning

Online (OL), Online Independent Study (OLIS), Online Dual Credit (OLDC)

Center for Teaching and Learning – Angie Snyder, Senior Director

Instructional Design: TBD,

OLIS and OLDC Phone: (417) 328-1599

<https://www.SBUniv.edu/academics/online-education.php>

The goals of Online Learning in the Center for Teaching and Learning are:

1. To provide consistent and quality online pedagogical support in the design and development of online courses across all online modalities, campuses, and academic levels.
2. To provide quality training for prospective/new and existing online faculty.

Online (ONL)

SBU offers undergraduate online learning opportunities. These online undergraduate courses are semester-based (Fall, Spring, and Summer) and involve a community of online learners. Students should consult with their academic advisor and register directly through Student Planning.

Course Registration

Students should communicate with their academic advisor for course planning and registration.

Registration deadline for undergraduate online courses is five days prior to the start of class. Additions past the add deadline will require a Special Academic Request.

Undergraduate online courses will open five days prior to the official course start date. Prior to course start date, students must check SBU email for important course information.

Course Login Reminder and Faculty Withdrawal

Students are encouraged to login prior to course starting (as soon as the course is made available) and/or as soon as the course opens. Students must login within the time schedule listed below or the instructor will start the withdrawal process with students as seen in Withdrawing from an Online Course. The instructor will send at least one SBU email to the student requesting student's intent prior to initiating a course withdrawal. The student has the responsibility to respond promptly to the communication and include any questions or concerns to the instructor.

- 16 week course: 1st week (five days, including weekends) for student login monitoring; 2nd week instructor withdrawal
- 8 week course: 4 days for student login monitoring; 1 week (five days) instructor withdrawal
- 4 week course: 2 days for student login monitoring; 3 days instructor withdrawal

Withdrawing from an Online Course

Instructor Request: In the event the student is not active after login and not interacting and/or completing assignments, the online instructor has the option to initiate the withdrawal process. The instructor will send at least one SBU email to the student requesting student's intent prior to initiating a course withdrawal. The student has the responsibility to respond promptly to the communication and include any questions or concerns to the instructor. The timeframe used to show activity and for the instructor to initiate a withdrawal is listed below.

- 16 week course: 1st week (5 days, including weekends) for student activity monitoring; 2nd week instructor withdrawal

- 8 week course: 4 days for student activity monitoring; 1 week (5 days) instructor withdrawal
- 4 week course: 2 days for student activity monitoring; 3 days instructor withdrawal

The instructor's procedure is as follows:

In the event the instructor starts a withdrawal process, the instructor must initiate communication about this intent. Whether seated or online, there are five individuals involved in the withdrawal process: student, instructor, advisor, NCAA compliance office (for student athletes only), and the registrar. The steps are as follows:

1. The instructor is required to send one email to both the student and the student's academic advisor.
2. The instructor includes the last date of attendance (and any other questions or information needed).
3. The academic advisor considers the student's situation (e.g., full or part time student status, degree progress), and replies all with permission or questions. When permission is granted, the advisor also includes the NCAA compliance officer (when applicable) and the registrar on the reply.
4. The NCAA compliance officer replies all with permission or questions.
5. When permission is granted by all parties (instructor, advisor, and NCAA compliance officer), then the registrar drops the course from the student's schedule and replies all with confirmation.

Please note that the email initiated may result in conversation that leads the student to stay in the course. For that reason, the registrar will not drop the course until there is agreement and reply from all required parties.

Student Request:

In the event that a student decides to withdraw from an online course, the student must initiate communication about this intent. Whether seated or online, there are five individuals involved in the drop process: student, instructor, advisor, NCAA compliance office (for student athletes only), and the registrar. The steps are as follows:

1. The student is required to send one email to both his/her course instructor and academic advisor.
2. The instructor replies to all with the last date of attendance (and any other questions or information needed).
3. The academic advisor considers the student's situation (e.g., full or part time student status, degree progress), and replies all with permission or questions. When permission is granted, the advisor also includes the NCAA compliance officer (when applicable) and the registrar on the reply.
4. The NCAA compliance officer replies all with permission or questions.
5. When permission is granted by all parties (instructor, advisor, and NCAA compliance officer), then the registrar drops the course from the student's schedule and replies all with confirmation.

Please note that the email initiated may result in conversation that leads the student to stay in the course. For that reason, the registrar will not drop the course until there is agreement and reply from all required parties.

If the withdrawal is before 60% of the class meetings, then a "W" will be issued by the registrar. If the withdrawal is after 60% of the class meetings, then a "W" (passing) or F (failing) will be issued. In this context the instructor must note in the email whether the learner is passing or failing

Last Date of Attendance

Attendance in an online course should reflect a substantive activity such as discussion board activity, submission of an assignment, or test taken, during a course login to count as "attendance." Just logging into the class does not count as attendance without activity of some type. Last date of attendance will be reported when a student drops an online course. To determine the last date of attendance, the due date for the last graded activity will be used. For example, if a student submits a post on 9/7 for a graded discussion board that is due by 9/8, then the last date of attendance is 9/8. This is to be determined by the instructor prior to the student dropping the course.

Refunds

Online course refund follows the same guidelines for face-to-face courses. See the Tuition Refund Policy in the Financial Information section of this Catalog.

Online Dual Credit (OLDC)

SBU offers semester-based (spring and fall) Online Dual Credit (OLDC) courses. All students accepted into these courses must have at least a 3.0 GPA and be recommended by his/her principal or official designee. Dual credit courses are available only to high school students. See the following link for more information including various forms and course availability: <http://www.SBUniv.edu/academics/online-education.php>.

Registration

Secure the Online Dual Credit application and see your high school dual credit coordinator or counselor by the deadline set for your school.

Withdraw and Refund

If you wish to withdraw, an official withdrawal form must be received by the Department of Online Learning – OLDC at Southwest Baptist University by September 15th for fall semester registrations, or February 15th for spring semester registrations. Contact OLDC for form. If the form is received within these guidelines students will be returned their deposit, minus a \$25 processing fee. If you wish to withdraw after the aforementioned dates, you will receive the non-punitive grade of "W" on your transcripts, and you will receive no refund.

Online Independent Study (OLIS)

The Online Independent Study (OLIS) program offers a variety of college credit courses through web-based independent study. See the following link for more information including various forms and course availability: <http://www.SBUniv.edu/academics/online-education.php>.

Registration

Follow the guidelines set below.

- *Non-SBU Student*
An individual not officially admitted to the University may view the courses available on the Online Independent Study web site and register directly through the Department of Online Learning.
- *SBU Students*
An SBU student may not register in more than two Online Independent Study courses at the same time. The Department of Online Learning must approve any exception to this policy. It is recommended that a student take only one course at a time until he/she has found an optimum work rate. OLIS hours do count in the load limit restrictions. If a student exceeds load limit

restrictions, the University will require the student to reduce load hours. When and where applicable, the student will be subject to existing OLIS withdrawal and grading policies.

- *Graduate Students*
Prior to registering 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 registering in OLIS courses.
- *Undergraduate Students*
Prior to registering in any OLIS course, an SBU student (i.e., a student who has been officially admitted to the University and is working on a degree), must obtain the approval of his or her academic advisor or campus director (for off campus students).

All credit is in semester hours and may be applied to the baccalaureate degree requirements (B.S., B.A., B.A.S., B.M., B.S.N.) and associate degree requirements (A.S., A.A.) provided the following stipulations are met:

1. **Student Standing** – An SBU student may register 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 registration. A one-time 2 month paid extension may be granted from the expiration of the course. OLIS must approve any exceptions to this policy.
3. **Load Limitations** – Students who have been placed on academic difficulty, special guidance, probation or have an account hold are not allowed to register in OLIS courses.

OLIS hours *do* count in the load limits restrictions as detailed in the University Catalog under “Load Limit for Credit Hours.” If you exceed load limit restrictions, the University will require you to reduce load hours. When and where applicable, you will be subject to existing OLIS withdrawal and grading policies. If you have been placed on academic difficulty, special guidance, or probation you are not permitted to register in OLIS courses.

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

4. **Graduation Deadline** – All SBU (OLIS) or other (outside) correspondence course work (including examinations) must be completed and submitted for grading in accordance with regulations printed in the University Calendar (also listed in this Catalog). If all correspondence work is not completed and submitted by the appropriate date, the student's name may be removed from the graduation list and program unless prior arrangements have been made by the student through the student's college dean.

Federal Grants and Loans may be available through the Office of Financial Aid to be used toward SBU Online Independent Study. Student must meet certain eligibility criteria to qualify, just as with all Federal aid. Student must also be accepted and registered 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 registrations.

Since SBU offers only limited number of OLIS courses and does not offer a degree program through OLIS, the expectation is that only students taking regular classroom course work along with some correspondence would fit the criteria of degree seeking students through SBU.

All college credit courses listed at the SBU Online Independent Study website are approved for veterans and other eligible persons covered in the provisions of the G.I. Bill.

Grading System

A grade represents an evaluation of your academic performance in a course and is determined by examinations and other criteria. Course grades are defined as follows: "A", excellent; "B", above average; "C", average; "D", a minimum passing; and "F", failure. The "F" grade carries no credit. A "W" is assigned if you withdraw during the second through fourth month after registration.

An "NC" (non-completion) grade is assessed when there is no official withdrawal or course work is not completed by the end of the first registration or extension dates. Your instructor may use letter grades, numerical grades, or "S" (satisfactory) and "U" (unsatisfactory) to indicate the quality of work on your assignments. Consult your course syllabus for specific details.

Grade Points

Each semester hour of credit is valued in grade points as follows: A, four points; B, three points; C, two points; D, one point; F, no points. W and NC grades are not assigned quality points and are not considered in computing your grade point average.

Grade Documentation

A registration beginning on or after January 1, or on or before May 31, will be considered a spring registration (SC). A registration beginning on or after June 1, or on or before August 31, will be considered a summer registration (MC). An registration beginning on or after September 1, or on or before December 31, will be considered a fall registration (FC). *Note:* An OLIS registration begins immediately at the time of registration. There is no pre-registration in OLIS courses. Official OLIS begin and end dates may look different than what appears in the University administrative system. A final grade will be documented using the original registration period as defined above. The Registrar performs grade documentation.

Grade Record and Transcript

The Department of Online Learning maintains registration records. When a student completes all course assignments and examinations, the Department of Online Learning will enter the student's final grade into the University's permanent student record system. Grades will be reported as follows:

- No grade report: All students who request (in writing) a refund within 30 days of registration.
- W: Assigned to all students who submit an official withdrawal form during months 2-4 of the registration.
- 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 registration or by the end of the official 2-month extension.
- A,B,C,D,F: Assigned to all students who complete all requirements for a course within 4 months (or 6 months with the extension).

Withdraw

To cancel or withdraw officially from a course, a student must submit a withdrawal form to the Department of Online Learning. The withdrawal form can be requested. The form will be sent via SBU email. The postmark or electronic send date will be used as the withdrawal date. A student may officially withdraw from a course at any time during the first four months or six months if the course was extended. No grade will be recorded for a student requesting a refund during the first 30 days. The grade of “W” will be assigned to a student if he or she withdraws during the second through fourth month after registration. 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 registration 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 registration, he or she will not receive a refund.

Refund

A tuition refund may be granted for partial or full registration cancellation providing you (1) contact the Department of Online Learning – OLIS in writing. Refunds on the tuition charge will be according to the following schedule:

From Date of Registration:

- 0-30 days: 100% of tuition
- After 30 days: No refund

No refunds are given for the handling or course extension fee.

The refund policy for first semester SBU students will be the same as the institutional refund policy. SBU will hold the refund request for 30 days from registration date to assure that the check clears the bank. All refunds are paid by SBU's Office of Accounting Services and require one week for processing.

If the bank for any reason returns a check to the University, you will be informed by mail of your obligation to pay the amount due. You will be assessed the current service charge.

SBU Worldwide Campus

A Christian-Based Education Wherever You Are.

Director: Ron Miller

<https://www.sbuniv.edu/admissions/worldwide>

Southwest Baptist University (SBU) is a Christ-centered, caring, academic community preparing servant leaders to impact the world for Jesus Christ. Located in southwest Missouri, SBU provides a range of traditional liberal arts and specialized degree programs. By combining Christian education with real world experience, SBU equips its students to meet the challenges of a rapidly changing world. The SBU Worldwide Campus makes it possible for those who have work, family, or military obligations, or seek flexible learning options, to pursue educational programs from wherever you are. With more than a century of excellence in Christian higher education, SBU is excited to offer expanded educational opportunities to learners around the world.

Course Descriptions – Undergraduate

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

1. 1000 level courses are primarily for freshman students. Courses with the number 1951, 1952, 1953, 1954 or 1955 meet the general education requirement for that area.
2. 2000 level courses are primarily for sophomore students and those students with essential prerequisites or backgrounds.
3. 3000 level courses are primarily for junior students and those students with essential prerequisites or backgrounds.
4. 4000 level courses are primarily for senior students and those students with essential prerequisites or backgrounds.

Accounting

ACC 2013 Principles of Financial Accounting – 3 hours (Fall, Spring)

An introduction to the concepts and principles underlying accounting and financial information as used in operating a business. Basic fundamentals of financial accounting from both a preparer's and a user's perspective will be presented. The impact of business events on an entity's financial position will be emphasized through an understanding of an organization's operating, investing, and financial activities. Prerequisite: 24 credit hours completed.

ACC 2043 Principles of Managerial Accounting – 3 hours (Fall, Spring)

A study of managerial accounting that focuses on the role of accounting in the improvement of management practices and pays specific attention to: cost accumulation, cost behavior, accounting analysis, budgeting, management decision-making and control, time-value-of-money and capital budgeting. Prerequisite: ACC 2013.

ACC 295(1-4) Special Topics in Accounting – 1-4 hours (On demand)

Topics will vary with each offering; therefore, the course may be repeated for credit. *Note:* Depending on the topic, there may be an additional fee.

ACC 3023 Managerial Cost Accounting – 3 hours (Fall, even years)

Emphasizes cost accumulation by specific order, process, and overhead cost methods as managerial tools in planning, monitoring, and controlling organization activities. Additional focus is on the improvement of management practices through understanding the behavior of costs, budgeting, and accounting analysis. Prerequisite: ACC 2043.

ACC 3024 Intermediate Accounting I – 4 hours (Fall)

Comprehensive study of current accounting principles and their application to the measurement and the reporting of assets and liabilities with emphasis on their effect on income and expense recognition. The concept of time-value-of-money as it relates to accounting is introduced. Prerequisite: ACC 2043.

ACC 3033 Accounting Information Systems – 3 hours (Spring)

Study of manual and computerized accounting information systems, business processes and their documentation, and the resulting transaction cycles to process accounting information of businesses and organizations. The course will emphasize the identification of risks in the accounting information system and the development and documentation of proper internal controls for the system in order to mitigate and control identified risks. Co-requisite: ACC 2043.

ACC 3034 Intermediate Accounting II – 4 hours (Spring)

Continuation of ACC 3024 with emphasis on the liability and the stockholders' equity sections of the balance sheet. Includes a study of financial statement analysis, the cash flow statement, and specific accounting issues such as investments, revenue recognition, income tax accounting, pensions/post-retirement benefits, leases, accounting changes and errors, earnings per share and segment reporting. Prerequisite: ACC 3024.

ACC 3063 Tax Accounting I – 3 hours (Fall)

Course deals with federal tax laws. Primary emphasis placed upon research of federal tax treatment and tax planning of business transactions in preparation of individual tax returns. Prerequisite: ACC 2043.

ACC 3073 Tax Accounting II – 3 hours (Spring, even years)

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 3211 Introduction to Forensic Accounting and Audit Software – 1 hour (Spring, odd years)

An introduction to basic forensic accounting principles, the use of audit software to analyze transactions and detect unusual activity, and ensuring the integrity of the accounting system. Prerequisite: ACC 3024.

ACC 4013 Advanced Accounting – 3 hours (Fall)

Study of financial accounting principles as applied to consolidations, foreign exchange and selected specialized areas of accounting practice. Prerequisite: ACC 3024.

ACC 4021 CMA Review: Financial Planning, Performance and Control – 1 hour (Fall, Spring, May, Summer)

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, May, Summer)

A self-study review of management accounting methods, including budget preparation, cost management, information management, performance measurement, external financial reporting. Fee: \$10

ACC 4043 Auditing – 3 hours (Spring, even years)

Emphasis on the objectives of audits, duties and obligations of the auditor, principles and procedures utilized in conducting a financial statement audit. Prerequisite: ACC 3024.

ACC 4053 Accounting for Non-Profit and Government Entities – 3 hours (Spring, odd years)

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, May, Summer)

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, May, Summer)

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 4073 CPA Review: Financial Accounting and Reporting – 3 hours (May, odd years)

An extensive review of current financial accounting standards and procedures to account for and report financial transactions and events of organizations through use of the Becker software. The purpose is to prepare for this section of the CPA exam. Prerequisite: ACC 3034

ACC 4081 CPA Review: Regulation – 1 hour (Fall, Spring, May, Summer)

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, May, Summer)

A self-study review of general business issues and concepts needed to understand the business reasons for, and accounting implications of, business transactions. Prerequisite: 23 hours of accounting. Fee \$10.

ACC 4113 Accounting for Managers – 3 hours (Fall)

The application of accounting principles and techniques to managerial planning and controlling activities. Areas emphasized will include behavior of cost, budgeting, accounting analysis, and improving managerial tools used in decision making. Note: There is a fee of \$150 if you are taking this course dually enrolled with ACC 5113.

ACC 4163 CPA Review: Auditing and Attestation – 3 hours (May, even years)

An extensive review of current financial statement auditing and attestation principles, objectives, and procedures through use of the Becker software. The purpose is to prepare for this section of the CPA exam. Prerequisite: ACC 4043

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, May, Summer)

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 division head as an enhancement to the student's educational preparation at SBU. Written reports will be required of the student and performance reports from the employer. A maximum of six semester hours of internships may be applied to the major. Prerequisite: 60 credit hours completed.

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 division member in whose field of specialization the problem area lies. Prerequisites: 3.00 GPA in major field, and 60 hours completed.

Agriculture

AGR 1114 Introduction to Soil Science – 4 hours (Fall)

The study of soil nature and properties, the identification of soils, the study of soil formation and conservation, and the role of soils in the environment. Three lectures, one lab each week. Lab fee: \$60.

AGR 1124 Introduction to Animal Science - 4 hours (Fall)

A study of the fundamentals and principles of animal science. Topics include nutrition, selection, reproduction, anatomy, physiology, genetics management and marketing with an emphasis on species of regional importance. Three lectures and one lab each week. Lab Fee: \$100

AGR 1433 Introduction to Unmanned Aerial Systems – 3 hours (Fall)

A hybrid course of online instruction and in-person labs on the introduction to unmanned aerial systems (UAS) with an emphasis on drone applications in agriculture and related industries. An emphasis on Federal Aviation Administration (FAA) regulations and instruction to meet and complete FAA part 107 testing and certification. No certification will be awarded through the course. Lab Fee: \$100

AGR 2244 Principles of Forage and Pasture Management – 4 hours (Spring)

Study of perennial and annual grassland systems focusing on plant identification, management, and utilization for agricultural enterprises. Three lectures and one lab each week. Lab fee: \$60. Prerequisite: AGR 1114, or concurrent enrollment.

AGR 2404 Livestock Evaluation – 4 hours (Spring)

An advanced course providing training on the selection and evaluation of breeding and market livestock and economically important carcass traits. Students will also utilize oral reasons and advanced application for multiple classes of livestock. A required course to participate on the University Livestock Judging Team. Frequent field trips to local producers, training opportunities, and processing facilities will guide student learning. Lab Fee: \$100. Prerequisite: AGR 1124

AGR 2444 Beef Production and Management – 4 hours (Spring)

The principles of ruminant nutrition, specifically beef cattle, including intake, chemical and physical digestion, absorption, microbe populations and function, and metabolism of feed. Three lectures and one lab each week. Lab fee: \$100. Prerequisite: AGR 1124

AGR 3244 Principles of Crop Production management – 4 hours (Fall) Provide students with an introduction to crops, soils, inputs and management for crop production throughout the United States with an emphasis on regional agriculture. Three lectures and one lab each week. Lab fee: \$100. Prerequisite: AGR 1114

AGR 4244 Integrated Crop Management – 4 hours (Spring)

A course that describes, analyzes, and trains students in practical and modern skills of crop production and management. An emphasis will be placed on cropping systems and rotations, field scouting techniques, and integration of scientific advancement into on-farm practices. Lab Fee: \$100. Prerequisites: AGR 1114, 2244, 3244

AGR 4403 Principles of Ruminant Nutrition – 3 hours (Fall)

The principles of ruminant nutrition, specifically beef cattle, including intake, chemical and physical digestion, absorption, microbe populations and function, and metabolism of feed. Three lectures each week. Prerequisite: AGR 2444

AGR 4442 Farm and Ranch Planning – 2 hours (Spring)

A study of the concepts utilized for developing and planning agriculture operations. A capstone course with an integrated lecture and lab with 4 contact hours per week. Lab fee: \$100. Prerequisite: AGR 3244, 4403.

Agriculture Business

AGB 4983 Internship in Agriculture Business – 3 hours (Fall, Spring, May, Summer)

Academically planned and supervised work experience in area(s) of the student's major within business agricultural, approved by the faculty advisor and division head as an enhancement to the student's educational preparation at SBU. A presentation will be required of the student and performance reports from the employer. A maximum of six semester hours of internships may be applied to the major. Prerequisite: 60 credit hours completed.

Art

ART/FAR 1013 Introduction to Art – 3 hours (Fall, Spring)

An introduction to art from all historical periods to help the non-art and art major develop an understanding of the role of art in the life of man and the value of art to the individual. Required for art majors. Fee \$60.

ART 1103 Design – 3 hours (Fall, Spring)

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. Fee: \$40.

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. Fee: \$40.

ART 2003 Photography I – 3 hours (Fall, Spring)

An introduction to the use of camera technique and photograph processing. Emphasis on creative photographic composition, editing, critique and presentation of printed work. Lab fee \$85.

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 \$85.

ART 2023 Sculpture I – 3 hours (Spring)

An introduction to basic three-dimensional design, principles, concepts and production techniques. Lab fee \$75. Prerequisite: ART 1103.

ART 2033 Painting I – 3 hours (Fall, Spring)

An introduction to basic water-based painting on canvas and panels with an emphasis on representational, painterly composition. Lab fee: \$85. Prerequisite: ART 1103, 1203.

ART 2203 Drawing II – 3 hours (Fall, Spring)

An intermediate drawing course through creative use of, and experimentation with, a variety of drawing media. Prerequisite: ART 1203. Course Fee: \$40.

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 \$75.

ART 2803 Art History I – 3 hours (Fall)

Illustrated study of architecture, painting, sculpture and applied arts from prehistoric times to the Italian Renaissance. Course fee: \$40.

ART 2813 Art History II – 3 hours (Spring)

Illustrated study of architecture, painting, sculpture and applied arts from 14th through 20th century. Course fee: \$40.

ART 3003 Life Drawing – 3 hours (Fall)

An advanced drawing course with concentration on developing the students' perceptual skills the representation of the human figure. Lab fee \$85. 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 \$85. 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 \$85. Prerequisite: ART 2023.

ART 3033 Painting II – 3 hours (Fall)

An intermediate exploration of painting with an emphasis on the development of observational skills along with creative approaches to imagery, content and technique. Lab fee: \$85. 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 \$75. Prerequisite: ART 2703.

ART 3103 Printmaking – 3 hours (Fall, Spring)

A course concerned primarily with commercial printing and/or traditional printmaking issues and topics. Lab fee \$85. Prerequisite: ART 2703.

ART 3203 Advanced Drawing Studio I – 3 hours (Fall, Spring)

An advanced, traditional drawing course with an emphasis on perceptual training and on artistic creativity. Prerequisite: ART 2203. Course Fee: \$70.

ART 3213 Advanced Drawing Studio II – 3 hours (Fall, Spring)

An advanced, traditional drawing course with an emphasis on perceptual training and on artistic creativity. Prerequisite: ART 3203. Course Fee: \$70.

ART 3323 Photography II – 3 hours (Fall)

An intermediate exploration of photography with an emphasis on commercial approaches to imagery, content and technique. Lab fee \$85. 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 \$85. 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 \$85. Prerequisite: ART 3403.

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

Advanced problems in three-dimensional media. Emphasis on creativity. Lab fee \$85. Prerequisite: ART 3023.

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

Continuation of ART 3503. Lab fee \$85.

ART 3603 Advanced Painting Studio I – 3 hours (On demand)

Advanced studies in painting problems and perceptual training. Time and topic arranged by student and instructor. Lab fee: \$85. Prerequisite: ART 3033.

ART 3613 Advanced Painting Studio II – 3 hours (On demand)

Continuation of ART 3603. Lab fee: \$85.

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 \$75. Prerequisite: ART 2703.

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 \$75.

ART 3723 Digital Imaging Concepts – 3 hours (Spring)

Concentrated study of image-based visual communication concepts and studio techniques. Lab fee \$75.

ART 3813 Fibers – 3 hours (Spring)

An introduction to the knowledge of various fibers and their use. Course fee \$75. 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 divisional assessment of the Senior Portfolio Review prior to the Senior Show or Exit Exhibition. Course fee \$35.

ART 4003 Computer Application/Commercial Art – 3 hours (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 \$75. Prerequisite: ART 3043.

ART 4203 Advanced Drawing Studio III – 3 hours (On demand)

Continuation of ART 3213. Course fee: \$70.

ART 4213 Advanced Drawing Studio IV – 3 hours (On demand)

Continuation of ART 4203. Course fee: \$70.

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 \$75. 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 \$75. 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 \$85.

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

Continuation of ART 3513. Lab fee \$85.

ART 4603 Advanced Painting Studio III – 3 hours (Fall, Spring)

Continuation of ART 3613. Lab fee: \$85.

ART 4613 Advanced Painting Studio IV – 3 hours (Fall, Spring)

Continuation of ART 4603. Lab fee: \$85.

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 \$75. 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 \$75.

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

Selected problems for advanced student in one topic as approved by the division head. Lab fee \$85.

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 division head. Lab fee \$75.

Methods of Teaching Art, K-12 (Fall)

(See EDU 4512)

Behavioral Sciences

BEH 2243 Statistics – 3 hours (Fall, Spring)

Measurement, averages, variability percentile rank, normal curve, correlation, chi-square, probability, hypothesis testing, and confidence intervals related to the behavior sciences. Prerequisites: PSY 1013 or SOC 1003 or EDU 2113 and MAT 1243 or higher (Students with ACT math scores of 26 or higher or a CLT Quantitative Reasoning sub score of 21 or higher may elect to take the course without the prerequisite of MAT 1243).

BEH 298 (1-3) Community Project. 1-3 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. A behavioral sciences faculty member will assist with arrangements.

Prerequisite: either PSY 1013, SOC 1003, OR SWK 2003.

BEH 3003 Professional Development for Behavioral Sciences - 3 hours (Spring)

This course is designed to provide the student majoring in a Behavioral Sciences area the information on writing papers and other publications using the Style Guide from the American Psychological Association (APA). The student will also learn about various careers and graduate school options to continue in their chosen profession, while investigating the ethics code for such a profession. No prerequisites.

BEH 3073 Social Psychology – 3 hours (Spring)

Survey of social psychology theories, research methods, and practical applications focusing on how people influence one another and are influenced by others. Includes topics such as attitudes and persuasion, friendships and romantic relationships, the self and social cognition, helping behavior, and group processes. Prerequisites: PSY 1013 or SOC 1003.

BEH 3233 Basic 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.

BEH 4233 Advanced Research – 3 hours (Fall even years)

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: BEH 2243.

BEH 4353 Agape Love and Altruism: Perspective of Science and Faith – 3 hours (On Demand)

An interdisciplinary approach to the examination of agape and altruistic love. Perspectives from the social and behavioral sciences, natural sciences, philosophy, and religion will be brought to the discussion of agape love, unconditional love, altruism, prosocial behavior, emergency helping and benevolence. Prerequisites: SOC 1003 or PSY 1013 and 64 hours completed.

Bible

BIB 1013 Old Testament History – 3 hours (Fall, Spring)

A study of the history of Israel in the Old Testament with attention given to historical background, literary features, theological teaching, and contemporary relevance.

BIB 1023 New Testament History – 3 hours (Fall, Spring)

A study of the life of Jesus and the founding of the church in the New Testament with attention given to historical background, literary features, theological teaching, and contemporary relevance.

BIB/HON 1213 Honors Old Testament History – 3 hours (Fall)

A survey of the literature, history, and theology of the Old Testament with a concern for discerning its contemporary relevance. Prerequisite: Enrollment in the Dutile Honors Program or a minimum ACT of 28, an SAT of 1300, or a CLT score of 68.

BIB/HON 1223 Honors New Testament History – 3 hours (Spring)

A study of the life of Jesus and the founding of the church in the New Testament with attention given to historical background, literary features, theological teaching, and contemporary relevance. Prerequisite: Enrollment in the Dutile Honors Program or a minimum composite ACT of 28, an SAT of 1300, or a CLT score of 68.

BIB 2093 Methods of Biblical Interpretation – 3 hours (Fall)

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.

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 3033 Old Testament Exegesis 3: Poetry and Wisdom Literature – 3 hours (Spring, every other odd year)

Historical and exegetical study of the poetry and wisdom literature in the Old Testament: Job, Psalm, Proverbs, Ecclesiastes and Song of Solomon. Prerequisite: BIB 1013/1213 and BIB2093.

BIB 3043 Old Testament Exegesis 1: Pentateuch – 3 hours (Spring, every other odd year)

Study of the first five books of the Bible with special attention given to introductory problems related to the Pentateuch. Prerequisite: BIB 1013/1213, 2093.

BIB 3053 New Testament Exegesis 1: Early Pauline Epistles – 3 hours (Fall, every other odd year)

Historical and exegetical study of Paul's epistles to the Thessalonians, Corinthians and Galatians. Prerequisite: BIB 2093.

BIB 3063 New Testament Exegesis 3: Later Pauline Epistles – 3 hours (Fall, every other odd year)

Historical and exegetical study of Romans, Paul's prison and pastoral epistles. Prerequisite: BIB 2093.

BIB 3083 New Testament Exegesis 4: Hebrews and General Epistles – 3 hours (Fall, every other even year)

Historical and exegetical study of Hebrews and the general epistles. Prerequisite: BIB 2093.

BIB 4023 New Testament Exegesis 2: Gospels – 3 hours (Fall, every other even year)

Study of life and teaching of Christ as presented in the four gospels. Prerequisites: BIB 2093.

BIB 4043 Old Testament Exegesis 4: Prophets – 3 hours (Spring, every other even year)

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 1013/1223 and 2093.

BIB 4053 Old Testament Exegesis 2: Historical Books – 3 hours (Spring, every other even year)

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 1013/1213 and 2093.

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 (On Demand)

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.) Prerequisite: BIB 2093.

Biology

BIO 1001 Principles of Biology Lab – 1 hour (Fall, Spring, Summer)

A laboratory class accompanying BIO 1003. An introductory, multifaceted survey of biology including: cell theory, genetics, evolutionary theory, survey of living organisms, ecology, and human biology. One laboratory each week. Lab fee \$56. Corequisite: BIO 1003.

BIO 1003 Principles of Biology – 3 hours (Fall, Spring, Summer)

An introductory, multifaceted survey of biology including: cell theory, genetics, evolutionary theory, survey of living organisms, ecology, and human biology. Three lectures each week.

BIO 1115 Honors Biology – 5 hours (On demand)

An honors-level course presenting the basic facts and principles of biology. Topics covered will include cell structure and function, genetics, plant structure, physiology and animal anatomy and physiology. Four lectures, one lab each week. Lab fee \$60. Prerequisite: ACT score of 25 in Science Reasoning.

BIO 2134 General Zoology – 4 hours (Spring)

An introduction to the principles of classification of animals. Animal life will be examined with respect to cell organization, genetics, evolution, anatomy/physiology, and interaction of animals with their environment. Three lectures; one laboratory each week. Lab fee \$56. Prerequisite: BIO 1003, BIO 1001.

BIO 2204 Human Anatomy and Physiology I – 4 hours (Fall, Spring)

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 \$100. Prerequisite: BIO 1003, BIO 1001 or ACT of 24 in Science Reasoning.

BIO 2213 Introduction to Microbiology – 3 hours (Spring)

An introduction study of general principles and microbiology, with 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 introduced. Two lectures, one laboratory each week. Lab fee \$30. Prerequisites: BIO 1003, BIO 1001 or BIO 2204 and CHE 1003/CHE 1001 or CHE 1103/CHE 1101 or CHE 1114/CHE 1111. *Note:* A student who takes BIO 2213 and 3314 will receive credit only for BIO 3314.

BIO 2214 Environmental Biology – 4 hours (Fall, odd years)

An objective contemporary study of the environment and man's effect upon it. A holistic approach is taken in studying relevant problems relating to population growth, pollution and the preservation of natural ecosystems.

BIO 2223 Invertebrate Zoology – 3 hours (On demand)

Examination of the morphology, physiology and taxonomy of the invertebrates. Two lectures, one laboratory each week. Lab fee \$54.

BIO 2234 General Botany – 4 hours (Fall)

A study of the plant world. Fungi, algae, bryophytes, seedless vascular plants, gymnosperms and angiosperms will be studied with regard to their life history, morphology, physiology and taxonomic relationships. Three lectures, one lab each week. Lab fee \$56. Prerequisite: BIO 1003, BIO 1001.

BIO/KIN 2243 Nutrition – 3 hours (Fall, Spring)

Nutritional requirements of mankind with emphasis on the roles of nutrients in the body throughout the life cycle. *Note:* This course may not be included in the curriculum for a biology major.

BIO 295(1-4) Special Topics – 1-4 hours (On demand)

Topics of special interest not available to the student from the traditional course offerings. May be repeated as the topics change. Lab fee will be based on topic.

BIO/CHE 3012 Methods in Scientific Research – 2 hours (Fall, Spring)

A study of the principles and techniques used to develop and construct a scientific proposal. Topics include statistical analysis, experimental design, developing a proposal, determining a budget, and scientific presentations. Two lectures each week. Prerequisites: Biology/chemistry major or minor with 64 hours completed.

BIO 3304 Human Anatomy and Physiology II – 4 hours (Fall, 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 \$100. Prerequisite: BIO 1003, BIO 1001 or BIO 2204.

BIO 3314 Microbiology – 4 hours (Fall)

A study of the cultural characteristics, morphology, metabolism, taxonomy and infection of microorganisms, with emphasis on methods of isolation, growth and identification. Three lectures, one laboratory each week. Lab fee \$56. Prerequisites: BIO 1003, BIO 1001 and CHE 1114/CHE 1111.

BIO 3322 Introduction to Immunology – 2 hours (Spring)

Fundamental principles of immunology and serology. The structure and function of the immune system, antigen-antibody interaction, other serological reaction, immunoglobulin formation and immunosuppression. Two lectures each week. Prerequisite: BIO 3314.

BIO 3324 Genetics – 4 hours (Fall)

Consideration of the nature, transmission, variation, and action of the hereditary material in relation to the laws and theories of heredity in both plants and animals. Three lectures, one laboratory each week. Lab fee \$106. Prerequisite: BIO 1003, BIO 1001.

BIO 3334 Ecology – 4 hours (Spring)

Study of the relations of animals and plants to each other and to their environment. Three lectures, one laboratory each week. Lab fee \$56. Prerequisite: BIO 1003, BIO 1001. (BIO 2134 and 2234 recommended.)

BIO 3335 Comparative Vertebrate Anatomy – 5 hours (On demand)

Comparative study of organs and organ systems of selected representative vertebrates. Three lectures, two laboratories each week. Lab fee \$78. Prerequisite: BIO 1003, BIO 1001 and 64 hours completed.

BIO 3344 Vertebrate Physiology – 4 hours (On demand)

Study of the functional process of vertebrate organs and organ systems and their physiological integration. Three lectures, one laboratory each week. Lab fee \$56. Prerequisites: BIO 1003, BIO 1001 and 2134 and CHE 1114/CHE 1111.

BIO 3354 Plant Taxonomy – 4 hours (Spring, even years)

A study of the principles of classification and nomenclature, a survey of the major vascular plant families and the identification of local plants. Two lectures, two laboratories each week. Lab fee \$56. Prerequisite: BIO 2234.

BIO/CHE 3364 Biochemistry – 4 hours (Fall)

A study of the chemistry and metabolism of biologically important compounds. Includes the biochemistry of proteins, lipids and carbohydrates, nucleic acids and the energetics of living organisms. Three lectures and one laboratory each week. Lab fee \$106. Prerequisite: CHE 3314. CIS 1103 is strongly recommended.

BIO 3384 Histology – 4 hours (Fall, even years)

A systematic cytological and histological study of animal tissues and organs with an introduction to basic histological procedures. Two lectures, two laboratories each week. Lab fee \$56. Prerequisites: BIO 2204 and 3304 or 3335

BIO 3394 Pathogenic Microbiology – 4 hours (Spring, odd years)

The study of pathogenic microorganisms, their mode of transmission, infection and control as they relate to humans. Bacterial, viral, fungal and parasitic diseases will be studied. Three lectures, one lab each week. Lab fee \$56. Prerequisite: BIO 3314.

BIO 3454 Plant Physiology – 4 hours (On demand)

Study of the principal physiological processes in plants. Topics include respiration, photosynthesis, biosynthesis of cellular constituents, mineral nutrition, transpiration, translocation, water relations, growth and development, hormones and plant responses to environmental variation. Three lectures, one lab each week. Lab fee \$56. Prerequisite: BIO 2234.

BIO 3544 Wildlife Biology – 4 hours (Fall, even years)

A study of the principles and techniques used to manage and measure animal populations. Topics include managing endangered species and game animals, the impacts of habitat fragmentation on wildlife populations, and the use of habitat corridors. Three lectures, one laboratory each week. Lab fee \$56. Prerequisites: BIO 1003, BIO 1001, BIO 2134 (BIO 3334 recommended).

BIO/CHE 4104 Biochemistry II – 4 hours (Spring, even years)

A continuation of Biochemistry focusing on the processes of energy transduction and storage and synthesis of biomolecules. Lab fee \$98. Prerequisites: CHE/ BIO 3364 or CHE 3314.

BIO 4224 Cell and Molecular Biology – 4 hours (Spring)

The study of the structure and function of cellular organelles, cell transport, signal transduction, apoptosis, and cell cycle. DNA, transcription, translation, replication, control, repair, and gene expression will be studied as well as an introduction to bioinformatics within these disciplines. Three lectures, one laboratory each week. Lab fee \$106. Prerequisites: BIO 1003, BIO 1001 and 64 hours completed.

BIO 4404 Pathophysiology – 4 hours (Spring)

The study of human diseases and the mechanisms that govern them. Four lectures each week. Prerequisites: BIO 2204 and BIO 3304 and 64 hours completed.

BIO 4414 Freshwater Biology – 4 hours (On demand)

Study of the freshwater ecosystem. The course is designed to include four major areas: water chemistry, including characteristics of lakes, rivers and streams; plankton, including algae and zooplankton; fisheries; and aquatic entomology. Three lectures, one laboratory each week. Lab fee \$56. Prerequisites: BIO 1003, BIO 1001 and 64 hours completed.

BIO 4444 Vertebrate Embryology – 4 hours (On demand)

Study of the embryological development of the vertebrate and controlling mechanisms involved. Two lectures, two laboratories each week. Lab fee \$56. Prerequisites: BIO 1003, BIO 1001, BIO 2134, and 64 hours completed.

BIO 4471 Seminar in Biology – 1 hour (Fall, Spring)

Investigation of biological literature related to selected topics and presentation of scientific material for group discussion and evaluation. One session each week. Prerequisite: Biology major or minor with 96 hours completed.

BIO 448(1-3) Biological Investigations – 1-3 hours (Fall, Spring, Summer)

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 division head.

Methods of Teaching Science in the Middle and Secondary Schools

(See EDU 4522).

Business

BUS 1013 Introduction to Business – 3 hours (Fall)

Introduction to the characteristics and practices of business in the American free enterprise system, including the environments of business and career opportunities in business. Open to all students except junior and senior Accounting and Business Administration majors.

BUS/MAT 1193 Business Calculus – 3 hours (On demand)

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 1243 or its equivalent with a minimum grade of C, MAT 1163 or its equivalent with a minimum grade of C, or score of 24 or higher on the Math ACT. *Note:* MAT 1193 is a terminal math course. Students desiring further study of calculus must take MAT 1195. Also, a student who takes BUS/MAT 1193 and MAT 1195 will receive credit for only MAT 1195.

BUS 2012 Business Communications – 2 hours (Fall, Spring, May)

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.

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 1243.

BUS (2-3)06(1-2) FBLA Practicum – 1-2 hours (Fall, Spring)

FBLA Practicum is a course designed to enhance the benefits to be gained from participation in Future Business Leaders of America Collegiate. 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, Spring, Summer)

Ethical, social and legal issues in business environment. The development and resolution of contemporary issues found in the business environment. Emphasis on the perspective and systematic approach to the law to such issues. Topical areas: legal history, reasoning, procedure; environmental, administrative, criminal and tort law; law of contracts, law of sales. Prerequisite: 24 credit hours completed.

BUS 3083 Business Enterprise/Debtor and Creditor Rights (Business Law II) – 3 hours (On demand)

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. Prerequisite: MGT 3013.

BUS 477(1-3) International Experience – 1-3 hours (Fall, Spring, May, Summer)

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, May, Summer) 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 division head as an enhancement to the student's educational preparation at SBU. A presentation will be required of the student and performance reports from the employer. A maximum of six semester hours of internships may be applied to the major. Prerequisite: 60 credit hours completed.

BUS 499(1-3) Independent Study in Business – 1-3 hours (On demand)

Independent study of some problem or area not covered in the organized courses under the direction of a faculty member in whose field of specialization the problem or area lies. Prerequisites: 3.00 GPA in major field and 60 credit hours completed.

Chemistry

CHE 1001 Chemistry for Allied Health Lab – 1 hour (Fall)

A laboratory class to accompany CHE 1003. The study of the fundamentals of general chemistry, organic chemistry, and biochemistry. One laboratory each week. Does not satisfy the major or minor requirements for chemistry. Lab fee \$52. Corequisite: CHE 1003. Prerequisite: High school algebra.

CHE 1003 Chemistry for Allied Health – 3 hours (Fall)

The study of the fundamentals of general chemistry, organic chemistry, and biochemistry. Three lectures, each week. Does not satisfy the major or minor requirements for chemistry. Prerequisite: High school algebra.

CHE 1101 Principles of Chemistry Lab – 1 hour (On Demand)

A laboratory class to accompany CHE 1103. Fundamentals of chemistry, i.e., atomic structure, chemical periodicity, terminology, equations, kinetics, energy relationships, nuclear and descriptive chemistry. One laboratory each week. Does not satisfy the major or minor requirements for chemistry. Lab fee \$60. Co-requisite: CHE 1103. Prerequisite: High school algebra.

CHE 1103 Principles of Chemistry – 3 hours (On Demand)

Fundamentals of chemistry, i.e., atomic structure, chemical periodicity, terminology, equations, kinetics, energy relationships, nuclear and descriptive chemistry. Three lectures each week. Does not satisfy the major or minor requirements for chemistry. Prerequisite: High school algebra.

CHE 1111 General Chemistry I Lab – 1 hour (Fall)

A laboratory class to accompany CHE 1114. 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. One laboratory each week. Lab fee \$75. Co-requisite: CHE 1114. Prerequisite: MAT 1243 or concurrent enrollment. *Note:* A student who takes CHE 1103 and CHE 1101 and CHE 1114 and CHE 1111 will receive credit for only CHE 1114 and CHE 1111.

CHE 1114 General Chemistry I – 4 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 each week. Prerequisite: MAT 1243 or concurrent enrollment. *Note:* A student who takes CHE 1103 and CHE 1101 and CHE 1114 and CHE 1111 will receive credit for only CHE 1114 and CHE 1111.

CHE 1121 General Chemistry II Lab – 1 hour (Spring)

A lab course accompanying CHE 1124. A continuation of CHE 1114 covering chemical equilibrium, oxidation-reduction, acid-base theory, thermodynamics, chemical kinetics, the basics of coordination chemistry, and an introduction to organic chemistry. One laboratory each week. Lab fee \$75. Co-requisite: CHE 1124. Prerequisite: CHE 1114 and CHE 1111.

CHE 1124 General Chemistry II – 4 hours (Spring)

A continuation of CHE 1114 covering chemical equilibrium, oxidation-reduction, acid-base theory, thermodynamics, chemical kinetics, the basics of coordination chemistry, and an introduction to organic chemistry. Four lectures each week. Prerequisite: CHE 1114 and CHE 1111.

CHE 295(1-3) Special Topics in Chemistry – 1-3 hours (On demand)

Topics of special interest not available to the student from the traditional course offerings. May be repeated as the topics change. Lab fee \$14-\$42 as necessary. Prerequisite: CHE 1124/CHE 1121.

CHE 3002 Environmental Chemistry – 2 hours (On demand)

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 1124/CHE 1121.

CHE/ BIO 3012 Methods in Scientific Research – 2 hours (Fall, Spring)

A study of the principles and techniques used to develop and construct a scientific proposal. Topics include statistical analysis, experimental design, developing a proposal, determining a budget, and scientific presentations. Two lectures each week. Prerequisites: Biology/chemistry major or minor with 64 hours completed.

CHE 3304 Organic Chemistry I – 4 hours (Fall)

Study of the theory and mechanisms of the basic reactions of organic compounds and their derivatives. Emphasis on alkyl halides, alkanes, alkenes, stereochemistry, alicyclics, alkynes and dienes. Three lectures, one laboratory each week. Lab fee \$76. Prerequisite: CHE 1124/CHE 1121. CIS 1103 is strongly recommended.

CHE 3314 Organic Chemistry II – 4 hours (Spring)

Continuation of CHE 3304. Emphasis on aromatic compounds, interpretive spectroscopy, alcohols, carboxylic acids and their derivatives, aldehydes, ketones, amines and ethers. Three lectures, one laboratory each week. Lab fee \$76. Prerequisite: CHE 3304.

CHE 3323 Physical Chemistry – 3 hours (Fall, even years)

Study of physicochemical systems, kinetic theory, thermodynamics, chemical equilibria and solutions. Three lectures each week. Prerequisites: CHE 1124/CHE 1121, MAT 1195.

CHE 3345 Analytical Chemistry – 5 hours (Spring, odd years)

Study of the fundamental principles of quantitative analytical chemistry including basic statistics. An intensive laboratory experience which applies these principles to gravimetric, volumetric and electroanalytical determinations. Three lectures, two labs each week. Lab fee \$90. Prerequisite: CHE 1124/CHE 1121.

CHE 3354 Instrumental Analysis – 4 hours (Fall, 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 \$56. Prerequisites: CHE 3304 or concurrent enrollment and either PHY 1124/PHY 1121 or PHY 2224/PHY 2221.

CHE/BIO 3364 Biochemistry – 4 hours (Fall)

A study of the chemistry and metabolism of biologically important compounds. Includes the biochemistry of proteins, lipids and carbohydrates, nucleic acids and the energetics of living organisms. Three lectures, one laboratory each week. Lab fee \$106. Prerequisite: CHE 3314. CIS 1103 is strongly recommended.

CHE 3371 Seminar in Chemistry I – 1 hour (Spring)

Presentation and discussion of modern developments in the field of chemistry. One session each week. Prerequisite: CHE 3304.

CHE 4002 Interpretive Spectroscopy – 2 hours (On demand)

The study of the four main spectral techniques used for the identification of known organic compounds and for the determination of the structures of unknown organic compounds – infrared spectroscopy (IR),

proton nuclear magnetic resonance spectroscopy (PMR), carbon-13 nuclear magnetic resonance spectroscopy (CMR) and mass spectroscopy (MS). Two lectures per week. Prerequisite: CHE 3314.

CHE/BIO 4104 Biochemistry II – 4 hours (Spring, even years)

A continuation of Biochemistry focusing on the processes of energy transduction and storage and synthesis of biomolecules. Lab fee \$98. Prerequisites: CHE/ BIO 3364 or CHE 3314.

CHE 4333 Analysis of Evidence – 3 hours (Fall, odd years)

A laboratory intensive study on the gathering and analyzing of crime scene evidence. One lecture, two laboratory periods each week. Lab fee \$98. Prerequisites: CHE 1124/CHE 1121.

CHE 4412. Advanced Chemistry Lab – 2 hours (Spring)

A laboratory intensive study incorporating laboratory experience from multiple upper level chemistry classes. Two laboratory periods each week. Lab fee \$98. Prerequisites: CHE 3323 or CHE 4413.

CHE 4413 Advanced Inorganic Chemistry – 3 hours (Fall, odd years)

Principles and theories of modern inorganic chemistry, including group theory, bonding, coordination chemistry and relationships of the periodic table. Three lectures each week. Prerequisites: CHE 3314.

CHE 4471 Seminar in Chemistry II – 1 hour (Spring)

Presentation and discussion of modern developments in the field of chemistry. One session each week. Prerequisite: CHE 3314.

CHE 448(1-3) Undergraduate Research in Chemistry – 1-3 hours (Fall, Spring)

Independent research investigations. May be repeated with consent of division. Lab fee \$14-\$42. Consent of division head or research director required. Prerequisites: CHE 3314 and CHE 3345.

CHE 495(1-5) Intensive Studies in Chemistry – 1-5 hours (On demand)

Topics of special interest not available to students in the traditional course offerings. Courses could include such topics as advanced organic chemistry, nuclear chemistry, quantum chemistry, reaction kinetics and polymer chemistry. May be repeated as topics change. Lab fee \$14-\$70 as necessary. Prerequisites: Determined by the nature of topics studied.

CHE 499(1-3) Independent Study – 1-3 hours (On demand)

Intensive individual study in areas of chemistry not usually covered in the normal curriculum. Prerequisites: Determined by the nature of topics studied. Consent of division head required.

Methods of Teaching Middle School and Secondary Science

(See EDU 4522).

Christian Education

CED 2003 Introduction to Christian Education – 3 hours (Spring, even years)

A study of Christian education including history, faith development and Christian conversion, leadership, curriculum and facilities.

CED 2033 Principles of Teaching in the Church – 3 hours (Fall)

Basic principles and concepts of Christian teaching formulated and projected into planning and presented in church-related learning experiences.

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.

CED 295(1-4) Special Topics in Christian Education – 1-4 hours

A focus on special topics in the field of Christian education.

CED 3013 Youth Ministry in the Church – 3 hours (Spring, odd years)

A study of the objectives, organization and methodologies for youth, ages 12-17, and the directing of a youth program.

CED 3023 Church Administration – 3 hours (Fall, odd years)

A functional study including duties of church officers and committees, constitutions, by-laws, and parliamentary procedure.

CED 3043 Children's Ministry – 3 hours (Fall, even years)

A study of ministries involving children from birth through sixth grade to include but not limited to Bible study methods, vacation Bible school, children's worship, child care facilities in the church, and child care during church events.

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.

CED 4053 Youth Discipleship and Evangelism – 3 hours (Spring, even years)

A study of (1) the challenges of youth and their culture (including suicide, pregnancy, parental problems, drugs) and (2) evangelism strategies, events and programs designed to reach unchurched youth.

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).

CED 498(1-6) Apprenticeship in Christian Education – 1-6 hours (Fall, Spring, Summer)

On-the-job training under the supervision of a full-time minister of education, minister of childhood education or youth minister. Includes observation, supervision, planning, instruction, guided practical leadership and evaluation. Prerequisite: Major in Christian Education (concentrations in general Christian education, youth ministry or children's ministry) or minor in student ministries and 96 hours completed. *Note:* Apprenticeships are not paid positions; the student learns under the supervision of a qualified staff member. Assignment of apprenticeships is made strictly by the SBU faculty member involved, not by the student or a particular church.

Christian Ministries

CHR/MUS 023(0-1) Worship Lab – 0-1 hour (Fall, Spring)

Laboratory in worship planning and worship leadership. Attendance at a designated number of division-sponsored learning and discussion events, plus assignment to worship-leading teams for rehearsal and participation in worship-leading opportunities.

CHR 2011 Introduction to Christian Service – 1 hour (Spring)

Applied ministry service under the supervision of a church staff member in a local church. Includes guided practical service and evaluation. *Note:* Christian service opportunities are not paid positions; the

student learns under the supervision of a qualified staff member. Final approval of local churches are made by the SBU faculty member involved, not by the student or a particular church.

CHR/MUS 2712 Worship Leading for Small Groups – 2 hours (Spring, odd years)

See MUS 2712 for course description.

CHR 295(1-3) Special Topics in Christian Ministries – 1-3 hours (On demand)

A focus on special topics in the field of Christian Ministries.

CHR 3013 Introduction to Ministry – 3 hours (Fall, odd years)

Study of the work of the vocational ministers of the local church with special attention given to the ministry of all believers.

CHR 3073. Introduction to Disciple-making and Evangelism 3 hours (Spring)

This course is an introduction to the biblical basis of discipleship and evangelism and a closer look at contemporary models for discipleship and evangelism methods. The course is designed to help students develop effective methods for discipleship to help believers to become reproducible Christians and also how to share the gospel in a variety of contexts.

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: CED 2033.

CHR/MUS 4101 Church Music Technology – 1 hour (Spring, even years)

An introductory overview of the technology available to church musicians. Prerequisite: CIS 1103.

CHR/MUS 4743 Church Music Administration – 3 hours (Fall, odd years)

Study of the functional approach to the church music ministry including organization, administration, budget, calendar, scheduling, purchase and maintenance of equipment, rehearsal, performance, service planning, congregational activities and staff relations.

CHR 495(1-4) Intensive Studies in Christian Ministries – 1-4 hours

A focus on a special area of interest in the field of Christian Ministry. Areas of study will vary from year to year. (May be taken more than once).

CHR 498(1-3) Christian Ministries Apprenticeship – 1-3 hours (Fall, Spring)

Guidance of an apprentice in direct relationship to the practice of ministry. Apprenticeships may be completed in the following areas: associational, chaplaincy, and pastoral ministries. Prerequisite: 96 hours completed. *Note:* Apprenticeships are not paid positions; the student learns under the supervision of a qualified mentor. Assignment of apprenticeship is made strictly by the SBU faculty member involved,

not by the student or a particular church. During the semester in which students enroll in this course they are not allowed to enroll in more than 16 total hours, except when the on-site work of the apprenticeship is completed during the summer.

Communication

COM 1013 Media and Society – 3 hours (Fall, even years)

A study of communication strategies in mass media. The history, development and current structures of the media and their effects on society.

COM 1103 Fundamentals of Speech Communication – 3 hours (Fall, Spring)

Foundations of speech communication. Special attention to the theory and practice of effective preparation and delivery of public speeches.

COM 1111 Writing for Communication – 1 hour (Fall)

An introduction to APA style and other concepts used in writing for communication arts. This course should be taken in the first semester of the student's first year in the program.

COM 2023 Introduction to Sports Communication – 3 hours (Spring, even years)

This course offers an introduction to communication through the lens of sports. Students will explore the history of sports communication through the present through analyzing message strategies within the field of sports. Special attention will be paid to public relations, interpersonal, organizational, and mediated communication through the lens of the sports industry.

COM 2033 Introduction to Digital Video – 3 hours (On demand)

An introduction to digital video production. Students will learn all the fundamentals of digital video 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 \$50.

COM 2123 Introduction to Health Communication – 3 hours (On demand)

An introduction to health communication designed to help students understand how communication within the health industry operates and the role they can play within the industry. Special attention will be paid to how health communication specialists work in hospital education departments, in public relations, marketing, and human resource departments, in patient advocacy programs, and in media organizations covering health issues.

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, a SAT of 1200 or a CLT score of 78 and/or enrollment in COM 4413.

COM 2233 Introduction to Public Relations – 3 hours (Fall, odd years)

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 (On demand)

COM 3003 Applied Communication Theory – 3 hours (Spring, odd years)

Survey of theories in interpersonal, small group, organizational, rhetorical, mass media, and cultural communication contexts with emphasis on using theoretical knowledge to improve communication skills. Prerequisite: COM 1103 or COM 2393.

COM 3023 Argumentation and Debate – 3 hours (Fall, odd years)

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 3043 Communication Research Methods – 3 hours (Spring, even years)

This course offers systematic study of the various types of research methodologies used in the communication discipline. Students will learn the basics of investigating communication phenomena using social scientific, qualitative and critical rhetorical methods. Prerequisite: COM 3283.

COM 3063 Digital Video Journalism – 3 hours (On demand)

Students will acquire the knowledge and skills necessary to become digital video journalist professionals and will receive advanced training in interviewing, writing, and producing. Prerequisite: COM 2033. Course fee \$50.

COM 3163 Nonprofit Public Relations – 3 hours (On demand)

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 Crisis Management – 3 hours (Spring, even years)

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.

COM 3283 Persuasion and Rhetoric– 3 hours (Fall, even years)

Theories and practice of persuasion, rhetoric, and social influence. Prerequisite: COM 1103.

COM/THR 3303 Oral Interpretation of Literature – 3 hours (Fall, even years)

Emphasis on theory and practice of communicating works of literature from the printed page. Prerequisite: COM 1103. Course Fee: \$10.

COM 3313 Advanced Public Speaking – 3 hours (Spring, even years)

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, odd years)

This course covers a wide variety of intercultural issues as they pertain to media, religion, business, politics, education, health care and interpersonal communication. A balanced emphasis is placed on developing intercultural awareness and competence. Prerequisite: COM 1103 or COM 2393.

COM 3343 Multi-Media Productions for Nonprofit Organizations – 3 hours (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 \$50.

COM 3351 Intercollegiate Forensics and Debate – 1 hour (Fall, Spring)

Participation in intercollegiate debate and forensics program. May be repeated; however, only 6 hours may count toward a major. Prerequisite: COM 1103.

COM 3353 Organizational Communication – 3 hours (Fall, even years)

This course allows students to study how communication intersects with organizational life and culture on both the theoretical and practical levels. Special emphasis will be given to how organizations use communication to function and how students can communicate effectively within a wide array of organizational contexts. Prerequisite: COM 1103 or COM 2393.

COM 3361 Student Media Practicum – 1 hour (On demand)

Guided practical experience in college newspaper production. May be repeated; however, only 6 hours may count toward a major.

COM 3363 American Public Address – 3 hours (Spring, odd years)

Historical and critical study of leading American speakers, their speeches and philosophies. Individual research and analysis. Prerequisite: COM 1103.

COM 3383 Small Group Communication – 3 hours (Fall, even years)

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/ENG 3813 Professional Writing and Editing – 3 hours (Fall, odd years)

The application of rhetorical principles to workplace writing along with practice in standard copy-editing skills. Prerequisite: Completion of the general education requirement in composition.

COM/ENG 3823 Journalistic Writing and Editing – 3 hours (Spring, even years)

The application of rhetorical principles to journalistic writing along with practice in techniques related to journalistic style and editing. Prerequisite: Completion of the general education requirement in composition.

COM 4013 Communication and Leadership – 3 hours (Spring, even years)

This course equips students to become better leaders by integrating components of leadership and established leadership models from the communication field. The class focuses on general leadership responsibilities and learning basic interview and job skills.

COM 4233 Media Ethics – 3 hours (Fall, odd years)

This course examines ethical issues confronting both traditional and new media professionals.

COM 4283 Communication and Social Media – 3 hours (On demand)

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 4413 Forensics – 3 hours (On demand)

Laboratory practice and techniques for coaching contest speaking events: oratory, extemporaneous speaking, interpretation and after-dinner speaking. Prerequisite: COM 2223.

COM 4433 Interviewing – 3 hours (Fall, odd years)

This course will survey the relevant theories and practices concerning interviewing as a job-seeking and non-job-seeking communication behavior. Students will learn to conduct and participate in both journalistic and professional interviews.

COM 4532 Senior Capstone – 2 hours (Fall, Spring on demand)

An intensive application or researched project for communication arts majors to explore an issue in their field of study. The course should be taken during the Fall semester of the student's final year.

COM 495(1-4) Intensive Studies - 1-4 hours

COM 496(1-3) Practicum - 1-3 hours

COM 497(1-3) Symposium - 1-3 hours

COM 498(1-6) Internship - 1-6 hours (Fall, Spring, Summer)

COM 499(1-3) Independent Studies - 1-3 hours

Advanced studies of specific topics arranged through consultation with the division head.

Methods of Teaching Theatre

(See EDU 4502).

Methods of Teaching Speech in the Middle and Secondary Schools

(See EDU 4552).

Computer and Information Sciences

CIS 0103 Computer Literacy – 3 hours (On Demand)

An introduction to computer hardware and software. Special emphasis is given to personal computer systems and the following common applications: word processors, presentation software, spreadsheets and databases. This course does not count toward the 128 hours required for graduation. Lab fee \$12.

CIS 1033 Foundations of Computer Science – 3 hours (Fall, Spring)

An introduction to key concepts in computer and how computation is related to all scientific fields. Topics include, but are not limited to, robotics, web design, software engineering, artificial intelligence, computer architecture, digital media storage, algorithm design and computability. Required for computer science majors. Lab fee \$12. Prerequisite: MAT 1243 or concurrent enrollment.

CIS 1103 Computer & Information Management – 3 hours (Fall, Spring, May, Summer)

This course presents the fundamental ideas related to information technology, reinforces proficiency in contemporary computer applications, and supports computational problem-solving processes. Emphasis is given to effective use of spreadsheets and databases as tools for problem-based learning and analysis. Lab fee \$12.

CIS 113(0-1) Competition in Computing – 0-1 hour (Fall, Spring)

CIS credit will be granted for participation in computing and cybersecurity competitions. Students may earn up to four hours of cumulative credit for this course.

CIS 1141 Introduction to Linux and Scripting – 1 hour (May, Odd Years)

This course introduces the Linux operating system including basic utilities, file management, account management, and the creation of utility script programs. Included are an overview of the login procedure, examination of the file and directory structure, and the most commonly used utilities. The course is lab based. Lab fee \$4. Prerequisite: CIS 1033.

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: CIS 1033 and MAT 1243 (or concurrent enrollment in both).

CIS 1154 Computer Science II – 4 hours (Fall, Spring)

This course is a continuation of CIS 1144 with emphasis upon good programming methodology (software engineering). The data structures of linked lists, stacks, queues and trees are developed along with an introduction to file structures. Recursion, searching and sorting algorithms are analyzed for order as well as time and space efficiency. Parallel sorting and searching algorithms are introduced. Java is utilized for programming. Three lectures and one lab per week. Lab fee \$16. Prerequisite: CIS 1144 with a grade of C or better.

CIS 1163 Personal Cybersecurity – 3 hours (Fall, Spring)

The course is a broad overview of the personal cybersecurity knowledge and skillset needed by every computer user. Topics will include cybersecurity vulnerabilities and threats, risk mitigation strategies, digital privacy, and cyberethics. Hands-on laboratory work will include creating backups of computer data, recovering lost files, and using security software to update and clean up the modern Windows computer. The course will not involve writing computer software. Lab fee \$25. Prerequisite: CIS 1033 or CIS 1103. Note: Online students need administrative access to a Windows personal computer (Windows 7 or later) which the student can install software on for the duration of the semester and an external hard drive for backing up their computer.

CIS 2003 Web Design – 3 hours (Spring, even years)

This course presents introductions to many of the basic concepts, design issues, web standards, and

techniques related to designing, developing and deploying Web sites. Topics include web and animation tools, including editors, image manipulation tools, utilities, traffic analysis, internet security, and e-commerce issues. Lab fee \$12. Prerequisite: CIS 1033 and CIS 1154, both with a grade of C or better.

CIS 2012 Networks – 2 hours (Fall, Spring)

This course examines the physical and conceptual structures underlying local and wide area networks. Topics include network topologies and architectures, network devices, common protocols and services, error and flow control mechanisms, and network monitoring and traffic analysis. Programming assignments will include multithreaded clients and servers. Lab fee \$12. Prerequisite: CIS 1033, CIS 1144, and MAT 1173.

CIS 2033 Information Assurance – 3 hours (Fall Even Years)

This course provides an overarching model for information assurance for businesses, government agencies, and other enterprises needing to establish a comprehensive security plan. Students will be guided through the components of security and the construction of an effective security policy. Topics include asset identification, human factors, compliance with regulations, personnel security, risk assessment, business continuity, and ethical considerations are covered, as well as computer and network security tools and methods. Prerequisite: CIS 1163.

CIS 2043 System Administration – 3 hours (Spring Even Years)

An introduction to system administration examining both the Linux and Windows operating systems running on physical hardware, as well as Type-1 hypervisors and hosted virtual machines. Topics will include installation, configuration, logging and auditing, backup and restoration, and account management. Lab fee \$12. Prerequisite: CIS 1033.

CIS 2213 Systems Analysis and Design – 3 hours (Fall, Spring)

Study of the phases a system project using current design tools and techniques. Includes an introduction and overview of several development methodologies with in depth study of one development methodology. Lab fee \$12. Prerequisite: CIS 1144.

CIS 2253 Web Engineering and Development – 3 hours (Fall)

A study of the development techniques, protocols, and approaches to engineering web-based software systems. Topics include HTML, CSS, XML, CGI, PHP, Javascript, Ajax, DOM, client/server computing and Ruby on Rails. Issues related to design, maintainability, metrics, security, and performance are addressed. Lab fee \$12. Prerequisite: CIS 1033 and CIS 1144, both with a grade of C or better.

CIS 295(1-3) Special Topics – 1-3 hours (On demand)

Selected topics of special interest in the field of computer science. May be repeated. Lab fee when appropriate. Prerequisite: 6 hours in computer science.

CIS 3013 Digital Forensics Principles and Practices – 3 hours (Spring Odd Years)

This course provides the student a thorough background in the principles and practices employed in the field of digital forensics. The course provides students with a working foundation of the types of computer and electronic crimes being committed today, and identifies techniques used by offenders to compromise computer systems as well as vulnerabilities of computer and electronic systems. Practical applications of theory and academic study are included as coursework. Lab fee \$12. Prerequisite: CIS 1033 and CIS 1163.

CIS 3023 Network Security – 3 hours (Fall Odd Years)

A detailed examination of network security tools and techniques. The course will also include a detailed study of both encryption and steganography. Lab fee \$12. Prerequisites: CIS 1163 and CIS 2012.

CIS 3033 Secure Software – 3 hours (Spring Even Years)

A study of the most common security-related design and coding flaws in modern computer programs. Students will develop and refine secure design and programming techniques through correcting flaws in example programs and creation of their own secure programs. Students will perform in-class code

reviews. Both Java and C will be utilized in programming assignments. Lab fee \$12. Prerequisites: CIS 1154 and CIS 1163.

CIS 3113 UI/UX Design – 3 hours (Fall, odd years)

A study of theories, practices and concepts in the design of user interfaces and user experience with computing applications and devices. Applied approaches are used to address issues in software development and usability testing. Lab fee \$12. Prerequisite: CIS 1154 with a grade of C or better.

CIS 3123 Survey of Data Science – 3 hours (Fall, Spring)

This course is a survey of concepts, principles, theories and issues related to the field of data science. Topics include data classification, clustering, warehousing and visualization. The course will also include a look at software applications for analyzing and interpreting data. Pre-requisites: CIS 1033 and statistics (BUS 2023 or MAT 3343).

CIS 313(0-1) Competition in Computing – 0-1 hour (Fall, Spring)

CIS credit will be granted for participation in computing and cybersecurity competitions. Students may earn up to four hours of cumulative credit for this course. Prerequisite: 64 credit hours completed.

CIS/MAT 322(0-1) Mentorship in Computing and Mathematics – 0-1 hour (Fall, Spring)

This course develops leaders in the returning students who mentor and promote achievement in first-year students. Prerequisite: 3.0 GPA and 24 hours completed at SBU.

CIS 3313 Advanced Systems Analysis and Design – 3 hours (Fall, even years)

This course presents an advanced and continued study of software analysis and design methodologies, techniques, and tools begun in CIS 2213. Course activities familiarize the student with Agile analysis and design activities and foster systematic and reflective decision-making in software engineering. As an advanced course, and recognizing the depth of instructional materials available on the web, the course will make use of tools and techniques which have not yet been codified in a textbook. Within the context of Agile methodologies, the student is asked to make and evaluate the quality of individual and team decisions related to requirements, estimates, plans, product, process, risk, personnel, stakeholder expectations, and global software development. A project-based approach is utilized. Lab fee \$12. Prerequisite CIS 2213.

CIS 3323 Database Management Systems Design – 3 hours (Fall, Spring)

A study of the concepts and structures necessary to design and implement a database system. Topics include data hashing and encryption, access controls, security models, and DBMS vulnerabilities. Lab fee \$12. Prerequisite: CIS 2213.

CIS 3333 Algorithms and Data Structures – 3 hours (Fall, Spring)

This course presents an advanced study of algorithms and data structures. Topics include precise iterative and recursive runtime and storage usage calculation and optimization, linear runtime sorting, graphs, Red-Black trees, AVL trees, B-trees, file structures and external sorting. Parallel sorting and searching algorithms are introduced. A non-object oriented language with manual memory management such as C is utilized for programming assignments. Prerequisite: CIS 1154 and MAT 1173, both with a grade of C or better.

CIS 3363 Mobile App Development – 3 hours (Spring, odd years)

This course introduces students to app development on mobile handheld devices (phones and tablets). Students will learn the fundamentals of the platforms, SDKs, and the development environments. Throughout this course student will develop a number of mobile apps with increasing complexity. Each app will focus on a key mobile app component. Lab fee \$12. Prerequisite: CIS 1154 with a grade of C or better.

CIS/PHY 3412 Machine Organization – 2 hours (Fall, Spring)

A survey of the electronic and mechanical components of a computer, including processing units, memory and I/O devices. Also includes an introduction to assembly language programming. Lab fee \$12. Prerequisites: CIS 1154 and MAT 1173.

CIS 3423 Programming Languages – 3 hours (Spring Odd Years)

This course explores the principles of modern programming languages by learning to implement them. It examines fundamental linguistic features, especially control operators such as first-class functions, exceptions and continuations. Prerequisite: CIS 3333.

CIS 3433 Artificial Intelligence and Machine Learning – 3 hours (Spring Even Years)

This course introduces the fundamental concepts of Artificial Intelligence (AI) with hands-on exercises that solve AI problems. The topics include search, knowledge representation, logical inference, uncertainty management, and machine learning with artificial neural network and statistical methods, such as regression, decision tree, support vector machine, and clustering. Prerequisite: CIS 3333 and BEH 2243, BUS 2023, or MAT 3343.

CIS 3553 Software Quality Assurance and Testing – 3 hours (Fall, odd years)

This course covers the concepts, standards, and metrics of software quality assurance and testing, before, during, and after software development. Students will get a solid foundation and hands-on experience in software quality assurance and testing practices and tools to ensure quality in software development. Prerequisite: CIS 1154.

CIS 3513 Data Visualization – 3 hours (Fall Even Years)

This course prepares students to effectively analyze, interpret, and communicate data through visual elements such as images and graphs in reports and interactive applications. Students will be introduced to techniques and principles for selecting visualizations, constructing dashboards, and writing data stories. A variety of software tools will be explored so that students can gain hands-on experience implementing best practices. Pre-requisite: CIS 3123 with a C or better.

CIS 4123 Management Information Systems and E-Commerce – 3 hours (Summer) This course equips students with the knowledge and skill needed to effectively integrate (ERM, ERP) computer based information systems for planning and decision support and operational control throughout all functional areas of the organization. It also equips students to understand and interact with e-business systems and to keep up with rapidly changing technologies. There is a fee of \$150 if you are taking this course dually enrolled with CIS 5123.

CIS 4423 Operating Systems – 3 hours (Spring)

Introduction to the design and architecture of operating systems. Topics will include hypervisors, virtualization, and secure operating system design principles of domain separation, process isolation, resource encapsulation, and least privilege. Lab fee \$12. Prerequisite: CIS 3412.

CIS/MAT 4433 Numerical Methods – 3 hours (Fall, even years)

A study of mathematical concepts in a computing context. Topics include numerical integration, systems of equations, root-finding, curve-fitting, and differential equations. Emphasis will be placed on computer-based solutions with implications for programming, algorithm complexity, data representation and approximation, and error measurement. Lab fee \$12. Prerequisite: CIS 1033 and MAT 2263.

CIS 4453 Systems Security – 3 hours (Fall Even Years)

A detailed study of the preemptive configuration / hardening and the subsequent active defense of a computer system. Workstations, servers, virtual machines, mobile devices, IOT, SCADA systems, industrial control systems, and peripheral devices will be discussed. Lab fee \$12. Prerequisite: CIS 1154, CIS 1163, and CIS 2043.

CIS 4462 Applied Software Engineering I – 2 hours (Fall)

A comprehensive software engineering project conducted by a team of students. Students are required to define, design and do the initial implementation of a practical, commercial quality software project. Lab fee \$8. Prerequisites: CIS 3323 and CIS 3333.

CIS 4463 Ethical Hacking – 3 hours (Spring Odd Years)

A hands-on study of ethical hacking and cryptanalysis. Legal and ethical limitations will be stressed. Lab fee \$12. Prerequisite: either CIS 3033 or both CIS 1163 and CIS 2043. *Note:* Students will be required to sign an ethical conduct agreement as a part of this course.

CIS 4472 Applied Software Engineering II – 2 hours (Spring)

A continuation of CIS 4462. Students are required to complete the project started in CIS 4462. Lab fee \$8. Prerequisite: CIS 4462.

CIS 4523 Programming Analytics – 3 hours (Fall Odd Years)

The course introduces students to essential programming tools and techniques in data analytics. Students will learn how to build components using numerical and data processing algorithms in Python and R and how to connect the components using modern techniques for data wrangling, analyzing, and visualization. In the hands-on component of this course, students will develop programming proficiency by applying principles and tools to a variety of real-world datasets. Lab fee \$12. Prerequisite: CIS 1033, CIS 3123, and CIS 3333.

CIS/MAT 4533 Modeling for Data Science – 3 hours (Spring Odd Years)

This course covers the basics of data modeling, focusing on machine learning and statistical applications. Students will learn how to design, implement, and evaluate data models using popular techniques and tools. Additionally, this course emphasizes writing and communication skills to effectively communicate results and insights. Lab fee \$12. Prerequisite: CIS 1033, CIS 3123, MAT 1195, and MAT 3343.

CIS 495(1-3) Intensive Studies – 1-3 hours (On demand)

Selected topics of special interest in the computer science field. May be repeated. Lab fee when appropriate. Prerequisite: 18 hours in computer science.

CIS 498(1-3) Internship in Computing – 1-3 hours (Fall, Spring, May, Summer)

Academically planned and supervised work experience in areas of the student's major within professional computing or other organizations, approved by the faculty advisor and division head as an enhancement to the student's educational preparation at SBU. Weekly written reports will be required of the student and performance reports from the employer. A maximum of six semester hours of internships may be applied to the major. Prerequisites: 30 hours completed.

CIS 499(1-3) Independent Studies – 1-3 hours (On demand)

Independent study of some problem or area in the major not covered in the organized courses. The study is under the direction of a faculty member in whose field of specialization the problem or area lies. Prerequisites: 3.00 GPA in major field and 60 hours completed.

Methods of Teaching Computer Science

(See EDU 4213).

Criminal Justice

CRJ 2313 Introduction to Criminal Justice – 3 hours (Fall)

An analysis of the criminal justice system in the United States. An examination of the foundations and methods of law enforcement, the aspects and nature of criminal law and procedure, the process of justice within courts, and characteristics of punishment for crimes.

CRJ 2333 Judicial Process – 3 hours (Spring)

An overview of the major structures, processes, and participants that compose the American judicial system, emphasizing criminal judicial procedure including: prosecution, defense, judge and jury practices at 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 (Fall, even years)

A topical study of the factors common to serial murders, emphasizing the distinctions between myth and fact, the psychological profiles of such murderers, and the impact of such crimes on victims and society.

CRJ 3053 Criminal Investigation – 3 hours (On demand)

An overview of the development, techniques, and the roles of individuals in the investigation of criminal offenses. Students will be introduced to the methodology and reality of criminal investigations, including: determining if a crime was committed; gathering and documenting physical evidence; interviewing witnesses, developing suspects; and bringing criminal charges to court. Prerequisite: CRJ 2313

CRJ 3313 Law Enforcement Organization and Administration – 3 hours (Fall)

An examination of the organization and administration of law enforcement agencies, with an emphasis on the structure and nature of those agencies, the role of managers and leaders within law enforcement, and the relationship of law enforcement to community and political structures. Prerequisite: CRJ 2313.

CRJ 3373 Juvenile Delinquency – 3 hours (Spring)

An overview of the problem of juvenile delinquency and the societal response to delinquency. Causation, prevention, control, and treatment will be examined in the context of the unique place juveniles have within our criminal justice system. Prerequisite: CRJ 2313 or SOC 4033.

CRJ 4023 Professional Skills in Criminal Justice 3 hours (On Demand)

Students will practice needed skills for criminal justice professionals. This course includes three unique emphases: writing and communication for criminal justice, career preparation and exploration, and a currently relevant practical topic in the field. Students will learn and explore the physical and mental aspects of law enforcement, the judicial system, and corrections by investigating a singular rotating topic that is currently relevant within the criminal justice community. Prerequisite: CRJ 2003.

CRJ 4313 Corrections in America – 3 hours (Fall)

A systematic examination of the penal system within the context of the various theories of corrections. Areas of study include jails, probation, prisons, and parole, with an emphasis on how the daily operations of this system are influenced by the various theories of corrections. Prerequisite: CRJ 2313 or SOC 4033.

CRJ 4333 Criminal Law – 3 hours (Spring)

An overview of the laws that define crime, including examining the basic elements of crimes, general doctrines of criminal liability, and defenses to crime, with an exploration of the practical application of these concepts to law enforcement. Prerequisite: CRJ 2313.

CRJ 4373 Police Methods and Procedures – 3 hours (Fall)

An examination of policing in the United States covering the basics of police functions, the history and development of police organizations, the processes of police operations, legal parameters of police activities, and critical issues in law enforcement, including: search and seizure, laws of arrest, arrest procedures, criminal investigations, courtroom demeanor, and patrol techniques. Prerequisite: 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 (Fall, Spring, Summer) 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.

CRJ 499(1-3) Independent Studies – 1-3 hours (On demand)

Advanced studies of specific topics arranged by division head.

Economics

ECO 2003 Literacy in Free Enterprise (LIFE) Economics – 3 hours (Fall, Spring, May, Summer)

This General Education course will help the student develop an understanding of economic systems based on freedom. It will emphasize the importance of individual initiative and involvement in day-to-day community and business matters. Developing literacy about individual responsibility in personal and community decision making is a primary concern. *Note:* For non-business majors; does not meet the Division of Business requirements. Not available to students who have taken a previous economics course. Prerequisite: 24 credit hours completed.

ECO 2023 Principles of Microeconomics – 3 hours (Fall, Spring)

A study of economic principles with emphasis upon microeconomics. Includes a study of economics of the firm, consumer demand theory and current problems. Prerequisite: 24 credit hours completed.

ECO 2033 Principles of Macroeconomics – 3 hours (Fall, Spring)

Study of the basic principles of macroeconomics designed to give a broad understanding of the economy. Emphasis upon aggregate problems and issues considered important to the nation. Prerequisite: 24 credit hours completed.

ECO 2043 (HON 2003) Honors Literacy in Free Enterprise (LIFE) Economics – 3 hours (Fall, odd years)

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 Dutille Honors Program or a minimum composite ACT 26, SAT of 1230, or a CLT score of 81.

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, even years)

Study of history and present characteristics of money and banking structure in the United States. Emphasis upon monetary policy as it affects economic activity. Prerequisites: ECO 2023 and ECO 2033.

ECO 3043 Managerial Economics – 3 hours (Spring)

Combines the basic tools used by economists with techniques common in other business disciplines. This course deals with how decisions are made in order to achieve an organization's goals. It emphasizes use of quantitative techniques to solve production, marketing, management and financing problems. Prerequisites: ECO 2023 and MGT 3013.

ECO 3053 International Economics/Finance – 3 hours (Fall, even years)

A study of theory and policy related to international capital flows, exchange rates, and financial management. International economic institutions and policies are analyzed. Prerequisites: 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 (On demand)

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

ECO/FIN 4173 History of Finance and Economic Thought – 3 hours (Fall, odd years)

An introduction of the different economic schools of thought as well as recent economic developments. This course will also provide an introduction of the development of major topics in the field of finance. Prerequisites: ECO 2023, ECO 2033, and FIN 3053.

ECO 495(1-4) Intensive Studies in Economics – 1-4 hours (On demand)

Topics will vary with each offering; therefore, the course may be repeated for credit.

ECO 499(1-3) Independent Study in Economics – 1-3 hours (On demand)

Independent study of a topic not covered in the regular curriculum under the direction of a faculty member in whose field of specialization the area lies. Prerequisites: 3.00 GPA in major field and 60 credit hours completed.

Education

Note: Only professional education courses transferred from junior colleges and senior colleges having state-approved teacher education programs can be used to meet certification requirements. Students must earn a grade of “C” or better in all EDU courses.

EDU 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.

EDU 2121 Field Experience Level 1: Elementary School, Grades 1-6 – 1 hour (Fall, Spring)

This field experience consists of forty-five clock hours of supervised practical experience in the classroom at the elementary level (grades 1-6). Teacher candidates must complete the teacher education file, gain permission from the Coordinator of Clinical Experiences, and pre-enroll. Prerequisites: EDU 2113 or 2313 (or concurrent enrollment in either). Course fee \$15.

EDU 2131 Field Experience Level 1: Middle/Jr. High – 1 hour (Fall, Spring) This field experience consists of forty-five clock hours of supervised practical experience in the classroom at the middle/junior high level (grades 5-9). Teacher candidates must complete the teacher education file, gain permission from the Coordinator of Clinical Experiences, and pre-enroll.

Prerequisites: EDU 2113 or 2313 (or concurrent enrollment in either). Course fee \$15.

EDU 2141 Field Experience Level 1: Secondary 9-12 or K-12 School – 1 hour (Fall, Spring)

This field experience consists of forty-five clock hours of supervised practical experience in the classroom at the secondary (grades 9-12) or K12 levels. Teacher candidates must complete the teacher education file, gain permission from the Coordinator of Clinical Experiences, and pre-enroll.

Prerequisites: EDU 2113 or 2313 (or concurrent enrollment in either). Course fee \$15.

EDU 2232 Introduction to Early Childhood Education – 2 hours (Spring)

This course is designed to provide an introduction to the study of early childhood education, birth through eight years of age (grade 3). It includes a historical perspective, goals of early childhood education, the role of play in early childhood development, developmentally appropriate programs and curriculum models. Corequisite: EDU 2381 or EDU 2391.

EDU 2243 Health, Safety and Nutrition for the Young Child – 3 hours (Spring, odd years)

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 in either).

EDU 2283 Methods of Teaching Number Theory for Elementary and Middle School Teachers – 3 hours (Fall)

This course includes the use of sets and set notation to describe and define number properties and operations, an axiomatic development of the system of whole numbers through the use of logic, the development of algorithms and models for teaching addition, subtraction, multiplication, and division of whole numbers, integers, and rational numbers (fractions, decimals, and percentages) as well as developing methods for teaching proportional reasoning. Prerequisite: 2.50 GPA.

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

The course presents major issues of schooling and education basic to professional preparation and an introduction to the teacher education program at Southwest Baptist University. Areas included are governance, finance, legal and ethical aspects of teaching, societal issues, cultural diversity, preparation for working with English language learners, and current topics in the field.

EDU 2332 Teaching the Young Child – 2 hours (Fall)

This course provides a continuation of the study of early childhood education, 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. Corequisite: EDU 2381 or EDU 2391.

EDU 2343 Emergent Literacy – 3 hours (Fall)

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 or 2313 (or concurrent enrollment in either). Lamination fee \$10.

EDU 2353 Children's Literature – 3 hours (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 or 2313 (or concurrent enrollment in either). Lamination fee \$10.

EDU 2381 Early Childhood Practicum I – 1 hour (Fall)

Provides 30 clock hours of experience at the early childhood level (birth through grade 3). Teacher candidates will experience a variety of early childhood facilities and apply developmentally appropriate practices for early childhood. Course fee \$15. Corequisite: EDU 2232 or EDU 2332.

EDU 2391 Early Childhood Practicum II – 1 hour (Spring)

Provides 30 clock hours of experience at the early childhood level (birth through grade 3). Teacher candidates will experience an early childhood setting and apply developmentally appropriate practices for young children. Course fee \$15. Corequisite: EDU 2232 or EDU 2332.

EDU 2483 School, Home, and Community Collaboration – 3 hours (Fall)

This course focuses on the history, current trends, and issues of family and community involvement in the schools. Materials, techniques, and resources for the improvement of home, school, and community partnerships and communication will be included. This course will prepare future educators to collaborate with other school professionals and families and take advantage of professional learning opportunities to benefit student learning and well-being. The importance of differentiated instruction and working with English language learners as they relate to student learning and collaboration will be addressed. Prerequisites: 2.50 GPA.

EDU 2823 Technology for Educators —3 hours (Fall, Spring)

This course focuses on developing teachers who are able to apply critical thinking and problem solving skills to utilize technology in their personal and professional lives. These skills include effective use of media to maximize student learning and collaborate with colleagues, administrators, parents, and the community. Students will explore and use a wide variety of media and digital tools utilized in teaching and evaluating student learning. Prerequisites: EDU 2113, 2313.. Course 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 division.

Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a GPA of 3.0 in content area coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their teacher education file, and been approved by faculty in the Division of Education and, in the case of students seeking K-12 or 9-12 certification, the approval of faculty in the respective division.

EDU 3003 Teaching Social Sciences in Early Childhood and Elementary Schools – 3 hours (Fall)

This course is designed for interactive, integrated learning of methods, techniques, and skills for engaging early childhood and elementary students in social studies concepts. This course will focus on pedagogy, multiculturalism, cultural diversity, English language learners, utilizing social studies trade books, differentiated instruction, and integrating the arts. Corequisite: EDU 3311 or 3321. Prerequisites: EDU 2121, 2343, 2353, 3.0 GPA in EDU courses.

EDU 3013 Analyzing and Amending Reading Problems – 3 hours (Fall)

In this course, students will learn about instructional techniques, reading assessments, diagnostic evaluations, and learning materials specifically designed to detect and correct reading difficulties. Students will administer and interpret a variety of reading assessments in order to diagnose students' difficulties and plan remediation lessons and activities. Students will practice test administration and diagnosis with students who are struggling with literacy development, demonstrating the ethics of testing procedures and reporting. Prerequisites: EDU 2113, 2313, (2131 or 2141), 3.0 GPA in EDU courses.

EDU 3043 Learner Development and the Classroom – 3 hours (Fall, Spring)

This course is concerned with the psychological development of children from birth through adolescence. The course will focus primarily on the cognitive, physical, social, personal and moral development of children and adolescents and the impact of these developmental areas on learning and behavior in the school classroom. Prerequisites: EDU 2113, 2313.

EDU 3114 Teaching Literacy in Early Childhood and Elementary Education I – 4 hours (Fall)

Teacher candidates will explore and implement teaching strategies to facilitate developmental and functional literacy in today's early childhood and elementary classrooms. Specific topics include: the reading and writing process, early literacy, phonics, phonemic awareness, handwriting, and literacy programs. In addition, the broad topics of differentiated instruction, English language learners, and assessment will be emphasized. Corequisite: EDU 331I or 332I. Prerequisites: EDU 212I, 2343, 2353. Lamination fee \$10.

EDU 3124 Teaching Literacy in Early Childhood and Elementary Education II – 4 hours (Spring)

Teacher candidates will explore and implement teaching strategies to facilitate developmental and functional literacy in today's early childhood and elementary classrooms. Specific topics include: vocabulary, fluency, spelling, grammar, comprehension (reader and text factors), multiple intelligences, cooperative learning, and listening/speaking. In addition, the broad topics of differentiated instruction, English language learners, and assessment will be emphasized. Corequisite: EDU 331I or 332I. Prerequisites: EDU 212I, 2343, 2353.

EDU 3143 Integrating Art, Music and Movement into the Early Childhood and Elementary School – 3 hours (Fall)

This course is designed to enable the student to integrate literature, art, music and physical education/movement into the early childhood and elementary classroom. Corequisite: EDU 331I or 332I. Prerequisites: EDU 212I, 2343, 2353.

EDU 3163 Teaching Integrated Math in Early Childhood and Elementary Education – 3 hours (Fall)

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. Corequisite: EDU 331I or 332I. Prerequisites: EDU 212I, 2343, 2353, 6 hours of math.

EDU 3183 Teaching Integrated Science in Early Childhood and Elementary Education – 3 hours (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 Learning Standards. Corequisite: EDU 331I or 332I. Prerequisites: EDU 212I, 2343, 2353, a life science course (BIO 1003, BIO 100I or BIO 1954), a physical science course (PHS 1003/PHS 100I, PHS 1113/PHS 111I, CHE 1003/CHE 100I, CHE 1103/CHE 110I, CHE 1114/CHE 111I, PHS 2005, PHS 2313/PHS 231I, PHY 1114, PHY 111I, or PHY 2214/PHY 221I).

EDU 3212 Screening, Diagnosis and Prescription in Early Childhood Education – 2 hours (On demand)

A study of methods, procedures and instruments used in early childhood for screening and diagnosing individual children in order to prescribe specific learning activities. Prerequisites: EDU 2003, 2113, 2313, 2332, 2343, 2381, 239I. Course fee \$10.

EDU 3213 Evaluation of Abilities and Achievement – 3 hours (On demand)

This course provides a study of methods, procedures, and instruments used in K-12 classrooms for screening and diagnosing children in order to address their individual learning needs. Prerequisites: EDU 2113, 2313, (2121, 2131, 2141, or 2391).

EDU/ENG 3303 American Literature for Young Adults – 3 hours (Fall)

The study of young adult and ethnic American literature and of methods for teaching this literature in the middle and secondary school classrooms. Designed for those seeking teacher certification. Prerequisites: EDU 2113, 2313, (2131 or 2141), and 3.0 GPA in EDU courses.

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

Minimum of 75 clock hours of supervised practical experience in the classroom at the lower elementary level taken concurrently with methods courses. Teacher candidates must gain permission from the Coordinator of Clinical Experiences and pre-enroll. Corequisite: (EDU 3114/5114 or 3124/5124), (3143/5143 or 3823/5853), (3003/6003 or 3503/6513), and (3163/6023 or 3183/6053). Prerequisites: EDU 2121.

EDU 3321 Field Experience 2 in Upper Elementary, Grades 4-6 – 1 hour (Fall, Spring)

Minimum of 75 clock hours of supervised practical experience in the classroom at the upper elementary level taken concurrently with methods courses. Teacher candidates must gain permission from the Coordinator of Clinical Experiences and pre-enroll. Corequisite: EDU (3114/5114 or 3124/5124), (3143/5143 or 3823/5853), (3003/6003 or 3503/6513), and (3163/6023 or 3183/6053). Prerequisites: EDU 2121.

EDU 3331 Field Experience Level 2 in Middle/Jr. High School– 1 hour (Spring)

Minimum of forty-five clock hours of supervised practical experience in the classroom at the middle/junior high level. Teacher candidates must gain permission from the Coordinator of Clinical Experiences and pre-enroll. Corequisite: EDU 4493/5493. Prerequisites: EDU 2131, 3.0 GPA in EDU courses, and 3.0 GPA in content area courses.

EDU 3333 Principles and Methods of Secondary Instruction – (Spring)

This course will emphasize examining and implementing teaching methods, developing critical thinking and problem solving skills, analyzing learners and the learning process, refining communication skills, and constructing curriculum. EDU 3333 must be taken at SBU. Corequisite: EDU 3341. Prerequisites: EDU 2113, 2141, 2313, 3.0 GPA in EDU courses, and 3.0 GPA in content area courses.

EDU 3341 Field Experience Level 2 in Secondary School – 1 hour (Spring)

Minimum of forty-five clock hours of supervised practical experience in the classroom at the secondary school level. Teacher candidates must gain permission from the Coordinator of Clinical Experiences and pre-enroll. Corequisite: EDU 3333/5333. Prerequisites: EDU 2141.

EDU 3503 Curriculum Planning and Assessment – 3 hours (Spring)

This course examines curriculum and the dynamics of planning and implementing daily, unit, and year-long instruction based on state standards utilizing a variety of frequent effective assessments. Students will explore using formative and summative assessments in student learning, analyzing grading practices and issues, interpreting standardized tests and statewide assessments, proctoring individual skill or academic assessments, and investigating the classroom teacher's role in district accreditation through the Missouri School Improvement Program (MSIP). Corequisite: EDU 3311 or 3321. Prerequisites: EDU 2121, 2343, 2353, and 3.0 GPA in EDU courses.

EDU 3613 Content Area Literacy – 3 hours (Fall, Spring)

This course is designed to prepare middle school/junior high and/or secondary teachers to use functional reading and writing skills, strategies and techniques to enhance the reading and writing skills of students for use in learning in various content areas. Prerequisites: EDU 2113, 2313, (2131 or 2141), 3.0 GPA in EDU courses, and 3.0 GPA in content area courses.

EDU/MUS 3813 Elementary Music Education – 3 hours (Spring)

Study of administrative teaching techniques and survey of materials for teaching vocal and instrumental music in early childhood and elementary grades. Examination of musical concepts and skills appropriate at each age or learning level. Training in use of piano, recorder, autoharp and fretted instruments. Prerequisites: EDU 2113, 2141, 2313, MUS 1621 and 1623 (music majors and minors only), 3.0 GPA in EDU courses.

EDU 3823 Behavior and Classroom Management in Early Childhood and Elementary Education – 3 hours (Spring)

The content of this class is an exploration of the dynamics of behavior and management that make a community of learners in a classroom. Emotional, social, and physical aspects will be considered in making an environment conducive to teaching and learning. Management of student behavior, discipline approaches, cultural diversity, the presence of English language learners, and the total makeup of the classroom will be studied, discussed, researched, and observed in early childhood and elementary class settings. Corequisite: EDU 3311 or 3321. Prerequisites: EDU 2121, 2343, 2353, and 3.0 GPA in EDU courses.

EDU 3833 Behavior and Classroom Management: Secondary – 3 hours (Fall) An examination of current and past principles of classroom management will be examined in light of biblical, theoretical, and philosophical assumptions concerning humankind. Modern theories of discipline will be evaluated as to effectiveness and will be contrasted with historical views of schooling and education. It is intended that teacher candidates will be challenged to contemplate methods of instructing and modeling behavior (proactively) instead of simply responding (reactively) to inappropriate student actions. Wisdom and virtue, the cornerstones of any education, will be discussed as goals versus simply controlling and conforming behavior. Prerequisites: EDU 2113, (2131 or 2141), 2313.

EDU 398(1-3) BearcatsTeach Internship (Fall, Spring)

This course is a paid internship consisting of observations, individual conferences, and supervised substitute teaching in an elementary, middle, and/or secondary school. Teacher candidates must meet all prerequisites and be accepted into the BearcatsTeach Program in order to take this course. All transportation arrangements and expenses are the responsibility of the teacher candidate. Teacher candidates interested in participating in this internship will be required to apply and interview with the SBU Division of Education and the assigned school district. Prerequisites: EDU (2121, 2131, or 2141).

EDU 4023 Methods of Teaching Social Science in the Middle and Secondary Schools – 3 hours (Spring)

Exploration of basic concepts within each of the social sciences and possible teaching methods. Prerequisites: EDU 2113, (2131 or 2141), 2313.

EDU 4213 Methods of Teaching Computer Science – 3 hours (On Demand)

This course for prospective secondary STEM teachers explores computer science as a discipline that encourages inquiry, creativity, and collaboration. Given that the nature of computing is investigative, the computer science activities will be hands-on to gain insights about teaching and learning computing concepts in classroom settings. Students will examine a variety of computing tools, virtual environments,

and other instructional resources that support learning across STEM disciplines. Students will learn that pedagogical methods in computer science require intellectual rigor in order to develop lessons that are relevant to secondary students and pertinent to our culturally diverse world today.

EDU 4473 Psychology of the Middle School Student – 3 hours (Fall, odd years)

This course offers a broad overview of the history of young adolescent psychology, its advocates, researchers and its implications for middle level educational practices. Among the practices addressed will be the utilization of differentiated instruction to promote differentiated learning in young adolescents. Prerequisites: EDU 2113, 2131, 2313.

EDU 4493 Middle School Curriculum – 3 hours (Spring)

This course offers an in-depth study of curriculum development and instructional strategies targeting the young adolescent. Teacher candidates will develop pedagogical practices that meet the vast physical, emotional, social, intellectual and affective developmental needs of young adolescents. The course will emphasize differentiated instruction, responses to cultural diversity, meeting the instructional needs of English language learners as well as consultation and collaboration with colleagues, parents and the community. Corequisite: EDU 3331. Prerequisites: EDU 2131.

EDU 4502 Methods of Teaching Theatre – 2 hours (Spring)

An introduction to methods of teaching theatre in the secondary school. Topics include curriculum development; teaching strategies; and assessment. Additionally, this course addresses strategies for organizing and implementing a production schedule. Prerequisites: EDU 2113, 2141, 2313.

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

Understanding motivation, materials and techniques in school art programs. Prerequisites: EDU 2113, 2141, 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, (2131 or 2141), 2313.

EDU 4522 Methods of Teaching Science in the Middle and Secondary Schools – 2 hours (Fall)

Course will provide practical methods for the teacher candidate to use for the instruction of middle and secondary school students in such areas as laboratory safety, investigation, 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, (2131 or 2141), 2313.

EDU/ENG 4543 Methods of Teaching Writing in the Secondary School – 3 hours (Spring, odd years)

Theory and application in the teaching of writing and grammar in secondary schools with emphasis on the writing process. A requirement for secondary English majors. Prerequisites: EDU 2113, (2131 or 2141), 2313.

EDU 4552 Methods of Teaching Speech in the Middle and Secondary Schools – 2 hours (Fall)

Emphasis on principles, techniques and problems that are unique in teaching speech. Unit and course plans are developed for all areas of speech. Attention is given to directing forensic activities. Prerequisites: EDU 2113, (2131 or 2141), 2313.

EDU 4563 Methods of Teaching Foreign Language – 3 hour (On sufficient demand)

Study of methods of teaching modern languages in public school. Prerequisites: EDU 2113, 2141, 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, 2141, 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, 2141, 2313, MUS 1621, MUS 1623.

EDU 4593 Spiritual Issues in the Classroom – 3 hours (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 4623 Teaching Diverse Learners – 3 hours (Fall, Spring)

Mentally, emotionally, and physically exceptional children are studied. Methods of teaching children who are gifted, mentally-disabled, visual and hearing-impaired, learning-disabled, and physically-handicapped are included. Additional focus will be placed on teaching children with communication and behavior issues. The use of differentiated instruction to promote differentiated learning will be addressed. Corequisites: EDU 4929, 4939, 4949, or 4959.

EDU 4691 Student Teaching Seminar – 1 hour (Fall, Spring)

This seminar for student teachers will center on refining students' skills as reflective practitioners through a variety of experiences concerning contemporary problems and issues in the field of education, including legal and ethical aspects of teaching. Corequisites: EDU 4929, 4939, 4949, or 4959.

EDU 4832 Assessment and Evaluation of Learners – 2 hours (Fall, Spring)

This course is the study of the principles of assessment, including organization of the classroom as a social setting, planning and teaching based on sound objectives, formal assessment of student learning, grading students, and interpreting standardized tests and statewide assessments. Corequisites: EDU 4939, 4949, or 4959.

EDU 4929 Student Teaching in the Elementary School – 10 hours (Fall, Spring)

This course for elementary education majors consists of one semester of full-time observing, assisting, and teaching in an assigned classroom in public schools. Students must be unconditionally admitted to the teacher education program and have completed all professional education requirements. Corequisites: EDU 4623 and 4691. Prerequisites: EDU 2121, 3311, and 3321. Student Teaching fee \$350 (an additional fee will be assessed to teacher candidates allowed to student teach beyond the 50 mile radius).

EDU 4939 Student Teaching in the Middle School – 10 hours (Fall, Spring)

This course for middle school education majors consists of one semester of full-time observing, assisting, and teaching in an assigned classroom in public schools. Students must be unconditionally admitted to the teacher education program and have completed all professional education requirements. Corequisites: EDU 4623, 4691, and 4832. Prerequisites: EDU 2131 and 3331. Student Teaching fee \$350

(an additional fee will be assessed to teacher candidates allowed to student teach beyond the 50 mile radius).

EDU 4949 Student Teaching in the Secondary School – 10 hours (Fall, Spring)

This course for those seeking secondary certification (grades 9-12) consists of one semester of full-time observing, assisting, and teaching in an assigned classroom in public schools. Students must be unconditionally admitted to the teacher education program and have completed all professional education requirements. Corequisites: EDU 4623, 4961, and 4832. Prerequisites: EDU 2141 and 3341. Student Teaching fee \$350 (an additional fee will be assessed to teacher candidates allowed to student teach beyond the 50 mile radius).

EDU 4959 Student Teaching in the K-12 School System – 10 hours (Fall, Spring)

This course for those seeking K-12 certification in art, music, Spanish, or physical education consists of one semester of full-time observing, assisting, and teaching in an assigned classrooms on at least two different levels (elementary, middle school/junior high, and/or high school) in public schools. Students must be unconditionally admitted to the teacher education program and have completed all professional education requirements. Corequisites: EDU 4623, 4691, and 4832. Prerequisites: EDU 2141 and 3341. Student Teaching fee \$350 (an additional fee will be assessed to teacher candidates allowed to student teach beyond the 50 mile radius).

EDU 495(1-3) Intensive Studies in Education – 1-3 hours (On demand)

An intensified approach to selected education topics or subject matter not regularly offered by the division. Prerequisites: EDU 2113, (2131 or 2141), 2313, (3331 or 3341).

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

Advanced studies of specific topics arranged by division head. Prerequisites: EDU 2003, 2113, 2121, 2313, 3311, 3321.

English

ENG 0103 English Skills – 3 hours (Fall, Spring)

Introduction to and practice in formal English with emphasis upon basic sentence and paragraph skills. This course does not count toward the 128 hours required for graduation. Students placed in this course due to their ACT/SAT scores must make at least a C grade in ENG 0103 to take ENG 1113. However, those placed in ENG 0103 on the basis of the ACT/SAT scores may bypass ENG 0103 and take ENG 1113 on the evidence of writing skills demonstrated on a divisional exam.

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 a Verbal Reasoning + Grammar/Writing CLT sub score of 42 or higher. 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, or a Verbal Reasoning + Grammar/Writing CLT sub score of 59 or higher. 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. Honors section requires enrollment in the Dutile Honors Program.

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 III3.

ENG 2313/3413 Survey of World Literature – 3 hours (Fall, odd years)

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 3033 Writing Creatively for Young Adults – 3 hours (On demand)

A workshop in learning to write creatively for young adults in a variety of genres. Prerequisite: Completion of the general education requirement in composition.

ENG 3041 Creative Writing Seminar – 1 hour (Fall, Spring)

A seminar in selected creative writing topics. Prerequisite: Completion of or concurrent enrollment in ENG III3.

ENG 3053 Poetry and Playwriting – 3 hours (Spring, odd years)

A workshop in original poetry writing and playwriting utilizing readings from varying genres and peer/instructor feedback. Prerequisite: Completion of the general education requirement in composition.

ENG 3063 Storytelling – 3 hours (Fall, even years)

A workshop in original short fiction and creative nonfiction writing utilizing readings from varying genres and peer/instructor feedback. Prerequisite: Completion of the general education requirement in composition.

ENG 3233 Medieval and Renaissance English Literature – 3 hours (Fall, even years)

Literature of England from Beowulf to Shakespeare. Prerequisite: Completion of the general education requirement in composition.

ENG 3243 Seventeenth and Eighteenth-Century English Literature – 3 hours (Spring, even years)

Literature of England from Donne to Boswell. Prerequisite: Completion of the general education requirement in composition.

ENG/EDU 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, a 3.0 GPA in EDU coursework with no EDU course grade below a C and a 3.0 GPA in the student's required certification area content coursework.

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, odd years)

Literature of America from Age of Realism to present. Prerequisite: Completion of the general education requirement in composition.

ENG 3353 Advanced Composition – 3 hours (Spring, even years)

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 3383 Romantic and Victorian English Literature – 3 hours (Spring, odd years)

Literature of England from Blake to Hopkins. Prerequisite: Completion of the general education requirement in composition.

ENG/COM 3813 Professional Writing and Editing – 3 hours (Fall, odd years)

The application of rhetorical principles to workplace writing along with practice in standard copy-editing skills. Prerequisite: Completion of the general education requirement in composition.

ENG/COM 3823 Journalistic Writing and Editing – 3 hours (Spring, even years)

The application of rhetorical principles to journalistic writing along with practice in techniques related to journalistic style and editing. Prerequisite: Completion of the general education requirement in composition.

ENG 4023 Contemporary British Literature – 3 hours (Fall, odd years)

A focused study of the works of a specific author or genre of British literature ranging from the twentieth century to the present. Prerequisite: Completion of the general education requirement in composition.

ENG 4033 Focused Readings in American Literature – 3 hours (Spring, even years)

A focused study of the works of a specific author or genre of American literature. Prerequisite: Completion of the general education requirement in composition.

ENG/THR 4413 Shakespeare – 3 hours (Spring, odd years)

Tragedies, histories and comedies of Shakespeare. Prerequisite: Completion of the general education requirement in composition.

ENG/EDU 4543 Methods of Teaching Writing in the Secondary Schools – 3 hours (Spring, odd years)

Theory and application in the teaching of writing and grammar in secondary schools with emphasis on the writing process. A requirement for English majors pursuing secondary certification and middle school majors with a language arts concentration. Prerequisites: EDU 2113, 2313, completion of the general education requirement in composition. In order to enroll in EDU 4543, the student must have a 3.0 GPA in EDU coursework.

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 4961 Writing Center Theory and Practicum – 1 hour (On Demand)

An introduction to the field of writing center theory and tutoring pedagogy. Prerequisites: Completion of the general education requirement in composition and instructor permission.

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 3023 Sports Nutrition – 3 hours (On demand)

Nutritional requirements of athletes nutritional bioenergetics, metabolism, ergogenic aids for sports performance and recovery. Prerequisites: BIO/KIN 2243, BIO 2204, BIO 3304.

ESC 3114. Orthopedic Evaluation: Above Diaphragm - 4 hours

Prepares the student 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.

ESC 3124. Orthopedic Evaluation: Below Diaphragm - 4 hours

Prepares the student to properly identify, examine and assess athletic injuries to the lumbar spine & lower extremity. This course has a laboratory component with three lectures and one laboratory each week. Lab fee \$62. Prerequisites: BIO 2204, BIO 3304.

ESC 3133. Pharmacology - 3 hours

Prepares the student to understand the physiology of pharmaceuticals, indications, contraindications and diverse side effects of common pharmaceuticals utilized within the athletic realm.

ESC 4013 Tactical Strength and Conditioning – 3 hours (On demand)

A comprehensive evidenced-based course on the scope of practice as well as the theoretical and applied approaches of strength and conditioning for exercise professionals working with tactical athletes. Prerequisite: ESC 4013.

ESC 4033 Special Populations – 3 hours (Spring)

Focusing on the specific needs of people with a certain disease, condition, or stage of life, this course surveys in the areas of exceptionalities that occur within different special populations. It is designed to help the student identify and understand the uniqueness of the exceptional individual.

ESC 4034. Treatment and Rehabilitation - 4 hours

Prepares the student to select, implement and manage the most effective rehabilitative procedures for a given injury to restore lost function to the patient so that the individual may return to normal activities of daily living. This course has a laboratory component with three lectures and one laboratory each week. Lab fee \$62. Prerequisite: ESC 3114, ESC 3124.

ESC 4043 Exercise Science Practicum – 3 hours (Spring)

Credit given for hands-on experience gained through exercise prescription and training of selected volunteer clients. Prerequisite: 64 hours completed.

ESC 4053 Biomechanical Analysis – 3 hours (On demand)

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, BEH 2243 Statistics. Course fee \$50.

ESC 4223. Functional Movement - 3 hours (Fall, Spring)

Prepares the student in the development of skills in assessment procedures and therapeutic intervention addressing functional movement, gait, posture and common pathologies that exist in human motion and function within the context of athletic performance. Prerequisite: ESC 3114, ESC 3124.

ESC 4833. Evidenced Based Practice - 3 hours

Prepares the student with the knowledge, skills and abilities necessary to make independent judgments about the validity, results, and application of clinical research and to implement evidence-based clinical practice in their careers. This course will focus on the concepts of evidence-based practice with emphasis on forming answerable clinical questions and effective literature search strategies. Prerequisite: BEH 2243, ESC 4035, ESC 3114, ESC 3124.

ESC 4986 Exercise Science Internship I&II – 6 hours (Fall, Spring, Summer)

A full-time 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.

ESC 4973 Exercise Science Internship I – 3 hours (Fall)

A full-time 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: 120 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.

ESC 4983 Exercise Science Internship II – 3 hours (Spring)

A full-time 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: 120 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 (Fall, Spring)

Topics to be studied include budgeting, banking, major consumer purchases (including lease vs. buy decisions), home ownership, all types of personal insurance (from liability to disability), investments, estate planning and taxes. Prerequisite: 24 credit hours completed.

FIN 3053 Business Finance – 3 hours (Fall, Spring)

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 2013 and BUS 2023.

FIN 4023 Special Topics in Finance/Economics – 3 hours (On demand)

A study discussion of the theory, recent history and current problems of economics and finance issues.

Prerequisite: 60 credit hours completed.

FIN 4033 Introduction to Derivatives – 3 hours (On demand)

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: FIN 3053. Course Fee: \$12.

FIN 4053 Investments – 3 hours (Spring, even years)

A study of the entire field of investments with major emphasis on security valuation theories, security markets, portfolio management and computer applications in the investment decision-making process. Course fee \$15. Prerequisite: FIN 3053.

FIN 4083 Venture Finance – 3 hours (Spring, odd years)

This course addresses the venture capital (VC) process. With an emphasis on the valuation of high technology firms and investments, students of Venture Finance will build a foundation for knowledge in the VC industry. Total valuation topics will include analysis of VC investments, term sheets, and discounted cash flow analysis. Partial valuation topics will cover asset pricing and valuation, such as options and preferred/common stock. Additionally, students will build a framework for the mechanics of modeling, simulating, and communicating investment scenarios. Prerequisite: FIN 3053.

FIN 4063 Commercial Banking – 3 hours (On demand)

An examination of the operation of commercial banks, trust companies, and other credit institutions. Special attention will be given to recent bank legislation, bank valuation, performance, strategic planning, asset-liability management, risk management, credit risk, money management services, and off-balance sheet risks. Trends such as consolidation, internationalization, and product diversification will also be addressed. At its core the class will use banks as the model but other financial service providers such as savings and loans and brokerage firms will be covered as well. Prerequisite: ACC 2043.

FIN 4073 Insurance – 3 hours (Fall, odd years)

An introduction to the use of insurance as a risk management tool. Specific attention will be given to the structure of the insurance market, current issues regarding regulation and reform of insurance, and the use of insurance by firms and individuals to appropriately manage risk. Prerequisite: FIN 3003.

FIN/ECO 4173 History of Finance and Economic Thought – 3 hours (Fall, odd years)

An introduction of the different economic schools of thought as well as recent economic developments. This course will also provide an introduction of the development of major topics in the field of finance. Prerequisites: ECO 2023, ECO 2033, and FIN 3053.

FIN 495(1-4) Intensive Studies in Finance – 1-4 hours (On demand)

Topics will vary with each offering; therefore, the course may be repeated for credit.

FIN 499(1-3) Independent Study in Finance – 1-3 hours (On demand)

Independent study of some problem or area in the major not covered in the organized courses. The study is under the direction of a faculty member in whose field of specialization the problem or area lies. Prerequisites: 3.00 GPA in major field and 60 credit hours completed.

Fine Arts

FAR 1003 Introduction to Fine Arts – 3 hours (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.

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 2013 Elementary Greek I – 3 hours (Fall, odd years)

Study of the basic elements of New Testament Greek, stressing vocabulary, conjugation, declension, composition and translation. Prerequisites: BIB 1013/1213, 1023/1223.

GRE 2023 Elementary Greek II – 3 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 2013.

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 2023.

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/NUR 1013 Medical Terminology – 3 hours (Fall, Spring, On demand)

This course focuses on the basic principles of medical terminology and application to the day-to-day work of allied health personnel. This course is an elective for the nursing programs.

HSC 3010 New Student Orientation – 0 hours (Fall, Spring, Summer)

This is a no credit course that outlines the learning management system, technological systems, student resources, and institutional processes. This course is designed to familiarize students with the college's academic expectations, available student support services, and institutional processes during the first semester to promote student success in the nursing program. All students are required to register and participate in the orientation course.

HSC/NUR 3013 Organization and Delivery of Health Care – 3 hours (Fall, Spring, On demand)

This course provides an overview of health care delivery systems, examining such influencing forces as history, values and resources. Considers the role of reimbursement methods, technology, personnel and public policy in health care delivery. Explores the structures, processes, outcomes and challenges of the U.S. health care system.

HSC/NRS/NUR 3043 Health Care Missions – 3 hours (On demand)

This course is for health care students to plan, prepare, and experience health care delivery in an identified area of need. Mission trips must be an approved college/university mission trip with health care experiences.

HSC/NUR 3083 Clinical Genetics – 3 hours (On demand)

This course focuses on the fundamentals of genetics. The course is designed to give the student a basic understanding of genetic concepts so that this knowledge can be utilized to understand current and future genetic theories and therapeutics. ASN, BSHS, or BSN course elective.

HSC/NRS/NUR 3093 Survey of Human Anatomy and Physiology for Nursing and Health Sciences – 3 hours (Fall, Spring, Summer)

This course is designed as a refresher course for students who have outdated (>5 years) coursework in human anatomy and physiology. The course will be offered as an accelerated compendium of key concepts of human anatomy and physiology.

HSC 3113 Ethics in Health Care – 3 hours (Fall, Spring, On demand)

This course will provide students with foundational knowledge and skills using responsible professional behavior that will enable them to competently reflect upon, address and resolve the ethical and socio-cultural issues. Students will demonstrate a basic knowledge and skills in ethical theory and reasoning, professional ethics, and an interprofessional approach to health care decision-making.

HSC 3123 Informatics for Health Care Professionals- 3 hours (On demand)

This course provides an introduction to health informatics through an understanding of the science of how to use data and exploring the information and knowledge needed to improve human health and the delivery of health care.

HSC 3133 Legal & Contemporary Issues in Health Care- 3 hours (Fall, Spring, On demand)

This course introduces legal concepts and contemporary issues faced in healthcare. Explores the basic principles of the law and how they affect health care decisions. Examines the responsibilities of health care professionals in legal matters as well as contemporary topics involving the U.S health system.

HSC 3143 Intro to Health Care Concepts and Professionalism- 3 hours (Fall, Spring, On demand)

This course provides an introduction to health care. The roles and responsibility of the individuals working in the industry will be examined. Students will look at cultural and social influences that affect the organization and delivery of health care. The subject of professionalism will be introduced and the importance of it in the health care setting will be discussed as well as the professional organizations that assist in health care roles.

HSC/NRS/NUR 3453 Spirituality in Health Care – 3 hours (Fall, Spring, On demand)

This course explores personal Christian spiritual development, theory, and diverse models of spirituality

emphasizing their impact on health care settings. Spiritual practices and the responsibilities and issues of spiritual care are examined. Christian discipleship and a Christian theology are discussed as they apply to professional practice in a secular environment.

HSC/NUR 3563 Health Care Informatics – 3 hours (Fall, Spring, On demand)

This course investigates concepts of computer technology and information science to identify, gather, process and manage information. This course focuses on an understanding of information and technology theory, computer and decision-making systems, data management and electronic information retrieval will be presented with relevance to patient care, health care management and health care research.

HSC/NRS/NUR 4013 Health Care in Culturally Diverse Populations – 3 hours (Fall, Spring, On demand)

This course explores current issues in health care pertaining to culturally diverse populations from a Christian perspective. Examines the social, economic, political, environmental, and religious factors that affect health in different cultural groups. Identifies therapeutic health care practices for culturally diverse clients, families, and communities.

HSC/NUR 4023 Health Care Finance – 3 hours (Fall, Spring, On demand)

This course examines financial principles, techniques, vocabulary, and procedures used to manage health care budgets and operations. Students will learn how to assess the health care financial environment, seek appropriate data, analyze information, and apply the results to the management of daily operations, using a Christian approach to fiscal responsibilities.

HSC 4133 Public Health & Education- 3 hours (Fall, Spring, On demand)

This course examines population-based approaches to public health. Introduction to concepts of health behavior and its role in public health; social determinants of health; applications to selected community health problems and issues. Comprehensive health education and promotion, health maintenance and disease prevention are emphasized and include the historical, economic, social, cultural, and political influences of population health.

HSC/NRS/NUR 4333 Research and Evidence Based Practice – 3 hours (Fall, Spring, On demand)

This course introduces students to the elementary components of the research process and the application of research to professional practice including the retrieval of relevant literature and critical appraisal. An emphasis is placed on the combined use of literature, clinical judgment, interprofessional perspectives, and patient preferences to guide practice decisions. Legal and ethical conduct for health care professionals involved in research and quality improvement involving diverse populations are examined. The role of theory in the research process with contribution to the development of health care knowledge is explored.

HSC 4343 Human Resource Management for Health Care Professionals – 3 hours (Fall, Spring, On demand)

This course examines the complexities and multiple issues involved in human resources management in health care organizations. It provides the student with the opportunity to explore the human resources in health care and their unique perspectives.

HSC/NRS/NUR 4434 Administration and Leadership – 4 hours (Fall, Spring, On demand)

This course prepares students to provide high quality patient care exploring principles of organizational and systems leadership, including quality improvement, and safety through practice experiences. The course incorporates knowledge and communication strategies within interprofessional teams, care coordination, delegation, and developing conflict resolution strategies to be effective leaders and administrators in a complex and dynamic health care setting. Management theories and concepts are emphasized. Professional issues related to work-life balance, healthy work environments, and resource assistance in building a nursing career are also considered. Curriculum lab fee: \$25.

HSC 4444 Leadership and Management for Health Care Professionals – 4 hours (On demand)

This course examines the knowledge and skills necessary to be an effective leader and administrator in the current changing health care environment. There will be a focus on the application of servant leadership and the ability to design and implement programs. ASR or BSHS elective. Curriculum Lab Fee: \$100.

HSC 4453 Capstone (registration with permission only) – 3 hours (Fall, Spring)

This course provides an exploration and synthesis of knowledge and practice issues facing the health care profession and the health care system, and includes a discussion of issues in practice, education, and research. Each student will reflect on their learning in the BSHS program and evaluate their achievement of the BSHS Program Competencies. This class is limited to students who are enrolled in the final semester of senior year and intend to graduate at the end of this semester.

HSC/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 division head for independent study. ASN, ASR, BSHS, or BSN course elective.

Hebrew

HEB 2013 Elementary Hebrew I – 3 hours (Fall, even years)

Introduction to the basic skills of translating biblical Hebrew with emphasis upon vocabulary, grammar, composition and translation. Prerequisites: BIB 1013/1213, 1023/1223.

HEB 2023 Elementary Hebrew II – 3 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 2013.

HEB 3013 Intermediate Hebrew – 3 hours (Fall, odd years)

Focus is on translating a short OT book (e.g., Jonah, Ruth) and making syntactical judgments in exegesis, navigating BHS to include the textual apparatus, textual criticism, Hebrew vocabulary words used fifty times or more in the OT, and an introduction to BHQ. Prerequisite: HEB 2023.

HEB 3023 Advanced Hebrew – 3 hours (Spring, even years)

Focus is on translating passages from all OT genres (e.g., narrative, poetry, prophecy, etc.) and making syntactical judgments in exegesis, the Masoretic pointing/accent system, Hebrew vocabulary words used forty times or more in the OT, and lexical study. Prerequisite: HEB 3013.

HEB 495(1-3) Intensive Studies in Hebrew – 1-3 hours

Exegetical studies in selected books or passages of the Hebrew Old Testament. This course may be taken more than once. Prerequisite: HEB 2023.

History

HIS 1113 Introduction to the History of World Civilization: From the Earliest Times Through the Renaissance – 3 hours (Fall)

The roots of modern civilization from the dawn of agricultural society in the Middle East and other regions through the Renaissance in western Europe.

HIS 1123 Introduction to the History of World Civilization: From the Renaissance to the Present – 3 hours (Spring)

Examines the history of world civilization from the Reformation in Europe to the late twentieth century.

HIS/HON 2013 Honors United States History I – 3 hours (Fall, even years)

This course offers a political and social survey of United States history from colonization to the end of the Civil War. Prerequisite: A minimum composite ACT of 28 or SAT equivalent, or an SAT of 1300, or a CLT score of 86.

HIS 2213 History of the United States, 1492-1865 – 3 hours (Fall, Spring)

Political and social survey of United States history from colonization to the end of the Civil War.

HIS 2223 History of the United States, 1865-Present – 3 hours (Fall, Spring)

Political and social survey of United States history from the Reconstruction to the present.

HIS 295(1-4) Special Topics – 1-4 hours (On demand)

Topics of special interest not available to the student from the traditional course offerings. May be repeated as topics change.

HIS 3003 The US Civil War – 3 hours (On demand)

This class provides a detailed evaluation of the social, economic, and military aspects of the United States Civil War, with special emphasis on the effect of the War on the State of Missouri.

HIS/MIL 3153 American Military History – 3 hours (Spring, odd years)

American Military History from the colonial period to the present; its relation to the national development in war and peace. (May be taken through MSU.)

HIS 3323 Ancient Rome and the Empire – 3 hours (Spring, odd years)

A survey of Roman history tracing the main lines of political, social and cultural development from earliest times through the periods of the Republic, the early Empire and the High Empire through the reign of Constantine.

HIS 3333 Ancient Military History – 3 hours (On demand)

A survey of the development of weapons, armor, strategy, and tactics from the earliest recorded battles to the fall of the Roman Empire in 476 AD, including Biblical battles.

HIS 3423 Europe in the Middle Ages – 3 hours (Fall, odd years)

Traces the political, economic, social, intellectual and religious changes in western Europe from the late Roman Empire of the 4th century A.D. to the apex of the area's first advanced civilization, c. 1300 A.D.

HIS 3513 Europe during the Renaissance and Reformation Period – 3 hours (Spring, even years)

Traces the political, economic, social, intellectual, and religious conditions and developments in western Europe between the fourteenth and early seventeenth centuries. It emphasizes the Italian Renaissance and the Reformation movement.

HIS 3533 Early Modern Europe – 3 hours (Fall, even years)

Traces the political, economic, social, intellectual, and religious conditions and developments in western Europe between the mid-seventeenth and early nineteenth centuries. It emphasizes the Enlightenment movement.

HIS 3613 East Asian History to the Rise of the Mongols – 3 hours (On demand)

A survey of East Asian history tracing the political, economic, social, intellectual and religious conditions and developments in East Asia from earliest times to the Mongol Conquest. Particular emphasis will be placed on East Asian interaction with and influence on the Christian world.

HIS 3783 United States Diplomatic History, 1775-1928 – 3 hours (On demand)

Survey of late 18th and 19th Century diplomatic relations of the United States. Prerequisite: HIS/HON 2013 or HIS 2213 or 2223.

HIS 3813 Colonial and Revolutionary America – 3 hours (Fall, odd years)

This course covers important topics in American history from the voyage of Columbus in 1492 to the ratification of the Constitution in 1788. The course emphasizes the development of England's American colonies, the independence movement and the successful establishment of the United States of America.

HIS 3823 America in the Early National and Civil War Eras – 3 hours (Spring, even years)

This course covers important topics in American history from Washington's inauguration as president in 1789 to the end of Reconstruction in 1877. The course will examine the important political, social, intellectual and economic areas of American development during the early national and Civil War eras.

HIS 3833 Gilded Age and Progressivism, 1877-1928 – 3 hours (Fall, even years)

A topical exploration of the period with emphasis on politics, the rise of big business, intellectual history, social and economic reform, imperialism, and society's efforts to meet the challenges of the industrial age. Course requirements stress reading, writing and class participation.

HIS 3843 Recent United States History, 1929-1991 – 3 hours (Spring, odd years)

A topical exploration of the period with emphasis on the Great Depression and New Deal, America's confrontation with totalitarianism during World War II and the Cold War, the domestic effects of WWII and the Cold War, the Civil Rights Movement, Vietnam, Watergate, the Johnson, Nixon, and Reagan presidencies, and the collapse of the Soviet Union.

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

Survey of 20th century diplomatic relations of the United States. Prerequisite: HIS/HON 2013 or HIS 2213 or 2223.

HIS/POL 4013 African History and Politics – 3 hours (Spring, odd years)

Explores the political and economic changes in African states and the issues of development since independence. Included in the study are the historical origins of the African state, the contemporary context of globalization, and the position of Africa in the world economic system. Prerequisite: POL/HON 1013 or POL 1113.

HIS 4303 The Ancient Near East – 3 hours (Fall, odd years)

A survey of Ancient Near Eastern history tracing the main lines of political, social, and cultural development from the earliest times to the Roman Conquest.

HIS 4313 Ancient Egypt – 3 hours (Spring, even years)

A survey of Egyptian history tracing the main lines of political, social, and cultural development from the earliest times to Egypt's conquest by the Romans in 31 BC.

HIS 4323 Ancient Greece – 3 hours (Fall, even years)

A survey of Greek history tracing the main lines of political, social, and cultural development from the origin of the Mycenaeans to the Roman conquest of the Greek world.

HIS 4413 Roman Imperial Civilization and the Early Church – 3 hours (On demand)

A detailed study of the period from c. 50 B.C. to c. A.D. 450. Emphasis is placed on the political, social, economic, religious and intellectual characteristics of the Hellenistic civilization of that period. Special attention is given to the Jewish sub-culture and the emerging Christian movement in that context.

HIS 4503 History Capstone Seminar – 3 hours (Fall)

This course provides history majors with a capstone experience for their History degree and helps prepare them for the required History ACAT Examination in World and US History. Prerequisites: History major, Junior standing.

HIS 495(1-4) Intensive Studies in History – 1-4 hours (On demand)

Seminar or directed class investigation of selected topics in the context of current historiographical opinion. Content variable. Student may elect to repeat the course. Prerequisite: Nine hours of history.

HIS 499(1-3) Independent Studies – 1-3 hours (On demand)

(History majors; Social Science Education majors) Advanced studies of specific topics arranged by division head. Prerequisite: History or Social Science Education major, 15 hours of history and 60 or more hours of credit.

Methods of Teaching Social Science in the Middle and Secondary Schools

(See EDU 4023).

Honors

HON 1003 Honors Fine Arts – 3 hours (Fall)

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: \$55.

HON/POL 1013 Honors American Government and Politics – 3 hours (Fall, odd years)

This course surveys the origin, organization, and policy of United States government at the national, state, and local levels and encourages citizen participation and leadership in democratic processes beginning at the community level. Fulfills the Missouri statutory requirement. Prerequisite: A minimum composite ACT of 28, or an SAT of 1300, or a CLT score of 86.

HON 1111 University Seminar – 1 hour (Fall)

This course is designed to acclimate students to college coursework by promoting processes that lead to success such as effective time management and research-based study strategies. Examining these processes provides an understanding of the individual student's strengths and weaknesses related to studying and learning. Additionally, the course acclimates students to SBU and SBU's mission while considering the relationship between an individual's values and goals and his or her academic performance and future direction. This course must be taken during the first semester a student attends SBU. Prerequisite: Enrollment in the Dutile Honors Program. Course fee: \$12.

HON 1121 Introduction to Critical Thinking – 1 hour (Spring)

This course is designed to promote awareness of a personal value system as well as to promote the use of critical thinking skills in the study of issues in today's society. Prerequisite: Enrollment in the Dutile Honors Program.

HON/ENG 1123 Honors Composition – 3 hours (Fall)

An honors-level course in expository writing based on a study of imaginative literature. The course fosters the development of writing and research skills. Fee \$2. Prerequisite: An English score of at least 28 on the ACT examination or a Verbal Reasoning + Grammar/Writing CLT sub score of 59 or higher. 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. Enrollment in the Dutile Honors Program.

HON/BIB 1213 Honors Old Testament History – 3 hours (Fall)

A survey of the literature, history, and theology of the Old Testament with a concern for discerning its contemporary relevance. Prerequisite: Enrollment in the Dutile Honors Program or a minimum ACT of 28, or an SAT of 1300, or a CLT score of 86.

HON/BIB 1223 Honors New Testament History – 3 hours (Spring)

A study of the life of Jesus and the founding of the church in the New Testament with attention given to historical background, literary features, theological teaching, and contemporary relevance. Prerequisite: Enrollment in the Dutile Honors Program or a minimum composite ACT of 28, or an SAT of 1300, or a CLT score of 86.

HON 2003/ECO 2043 Honors Literacy in Free Enterprise (LIFE) Economics – 3 hours (Fall, odd years)

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 an SAT of 1250, or a CLT score of 83.

HON/HIS 2013 Honors United States History I – 3 hours (Fall, even years)

This course offers a political and social survey of United States history from colonization to the end of the Civil War. Prerequisite: Enrollment in the Dutile Honors Program or a minimum composite ACT of 28, or an SAT of 1300, or a CLT score of 86.

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 an SAT of 1200, or a CLT score of 78, or enrollment in the Dutile Honors Program.

HON 2661 Honors Reading Symposium – 1 hour (Fall)

A student symposium devoted to the discussion of books and film. Students choose the theme for the semester, as well as the books and films to evaluate. Students reflect on books and films in written and/or oral form. Prerequisite: HON 1121.

HON 2771 Honors Journal Club – 1 hour (Spring)

A student symposium dedicated to the exploration of the epistemology of different disciplines. Students will read within the literature of their chosen discipline in order to investigate and articulate the epistemological assumptions, which undergird that discipline. Prerequisite: HON 1121.

HON 3771 Honors Colloquium – 1 hour (Fall, Spring)

The Honors Colloquium is a faculty directed symposium on rotating topics not otherwise offered in the curriculum. It will include student presentations, guest speakers, and panel discussions. Prerequisite: HON 1121.

HON 3883 Honors Service Learning – 3 hours (Spring)

This course is designed to involve students in activities that address community-identified needs while developing their academic skills and commitment to their community. The content of the course will

vary each time it is offered in relation to the community partnership for the course at that time. Students will engage in readings, reflection, and assigned service. Prerequisite: HON/UNI II21 and Minimum 28 composite ACT, or an SAT of 1300, or a CLT score of 86.

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 Anthropology for Cross-Cultural Service – 3 hours (Fall, even years)

An introduction to cultural anthropology as a practical basis for cross-cultural service with a special emphasis on the relationship between religion and culture.

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 division head. P/F credit. Course fee \$290 per credit hour.

ICS 291(1-3) Cross-Cultural Service Project – 1-3 hours

Participation in a cross-cultural field project to either a non-English speaking group or a group of significantly different ethnic identity. Approval necessary by the division head. Course fee \$290 per credit hour.

ICS 3023. Cross-Cultural Life and Service - 3 hours (Fall, odd years)

Life-style development provides an important foundation for cross-cultural service. This includes spiritual formation, life skills, and ministry competencies. This course is required for Intercultural Studies major and recommended for other students interested in cross-cultural life and service.

ICS 3033 Introduction to Missions – 3 hours (Spring, odd years)

This introductory course in missions seeks to develop in the student an understanding of missions as practiced in an international context. Emphasis will be given to helping students understand their own future ministry and how it can relate to global missions.

ICS 4023 Introduction to Church Planting – 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.

ICS 4063. Ethnography and Spirituality – 3 hours

Applied field research on the cultural and spiritual life of a specific people, based upon principles of cultural anthropology. Instruction provided on the field and through distance communication. This course meets a requirement for ICS semester abroad studies.

ICS 4123. Urban Ministries – 3 Hours (Spring, odd years)

An introduction to the diversity of ministries which meet human needs, make disciples, and develop churches in urban areas.

ICS 4313 World Religions – 3 hours (Spring, even years)

This course introduces students to the thought and practice of world religions including: Hinduism, Buddhism, Confucianism, Taoism, Islam and animism. Consideration also is given to the issues of religious pluralism, theology of religions, and the appropriate response to each.

ICS 4343 Islamic Studies – 3 hours

An overview of Islam from its early inception to the present time, with a broad treatment of the diversity of beliefs and practices within the Muslim world community in order to help the Christian worker recognize both difficulties and possibilities for Muslim evangelism.

ICS 4953 Intensive Topics – 3 hours (Fall, Spring)

Selected topics of special interest in the area of cross-cultural ministry. Areas of study will vary from year to year.

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 division head.

Interdisciplinary Studies

IDS 1112 Reading Skills – 2 hours (Fall, Spring)

Skills in skimming, underlining, outlining, increasing vocabulary, improving comprehension and speed are discussed and practiced in relationship to current university courses. One lecture, two laboratories each week. Lab fee \$10. Taught off-campus only.

Kinesiology

KIN 1001 Bowling – 1 hour (On demand)

Study and practice in the fundamental skills of bowling. Course fee \$45.

KIN 1012 General Activities I – Team Sports – 2 hours (On demand)

Instruction in skills, knowledge of rules and strategy, care of equipment and history of team sports. Activities will include team sports such as soccer, flag football, volleyball, and softball. Students are expected to participate daily so they get the benefit of physical activity. Course fee \$25. (Required of physical education majors.)

KIN 1022 General Activities II – Individual and Dual Sports – 2 hours (On demand)

This is an instructional course in skills, knowledge of rules and strategy, care of equipment, and history of individual sports. Activities include badminton, archery, step aerobics, weight training, pickle ball, and billiards. Students are expected to participate daily to get the benefit of physical activity. Course fee \$25. (Required of physical education majors.)

KIN 1023 Individual and Team Activities – 3 hours (Spring)

This course is an instructional course in skills, knowledge of rules and strategy and care of equipment. Activities will include soccer, flag football, volleyball, ultimate Frisbee, floor hockey, lacrosse, badminton, pickle ball, croquet, bocce ball, and Frisbee golf. Course fee \$35.

KIN 1031 Tennis – 1 hour (On demand)

Basic skills, rules and courtesies of tennis are presented.

KIN 1033 Foundations of Physical Education – 3 hours (Spring)

A course designed to help students develop perspectives in the field of physical education. Students will examine the different settings; kinds of programs; qualifications needed to enter the profession; career opportunities; and issues facing physical educators.

KIN 1041 Golf – 1 hour (On demand)

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

KIN 1043 Personal and Community Health – 3 hours (Fall, Spring)

Study of major health problems and factors determining health. Special considerations given to principles and practices of good health for individual and community concerns.

KIN 1051 Beginning Racquetball – 1 hour (On demand)

Beginning racquetball is a course designed to introduce the student to the sport of racquetball. The student will learn the rules of the game, equipment necessary for safe and competitive play, skills necessary for competent court play, and options for practice sessions and matches. Course fee \$20.

KIN 1071 Beginning Swimming – 1 hour (On demand)

Instruction in skills and techniques for beginning swimming. The American Red Cross Beginners Test must be passed for course credit to be received. Course fee \$10. (Required of physical education majors.)

KIN 1081 Life-Guard Training – 1 hour (Spring, On demand)

Skills and techniques of life saving as identified in the American Red Cross Water Safety Program will be emphasized. Course fee \$30.

KIN 1131 Aerobic Exercise – 1 hour (Spring, On demand)

Step and floor aerobics will be utilized to develop skills and expertise in designing a cardiorespiratory program for lifetime wellness. Course fee \$5.

KIN 1142 Outdoor Adventure Skills – 2 Hours (On demand)

Instruction and experience in outdoor skills of archery, hunting, fishing, camping, orienteering and outdoor living. Safety and environmental concerns will be incorporated. Course fee \$70.

KIN 1162 Foundations of Physical Fitness/Wellness – 2 hours (Fall, Spring, Summer)

Study and participation in programs recommended for development of adult physical fitness. Emphasis is on determining level of fitness, importance of fitness in total well being, nutrition and diet selection, monitoring effect of fitness activities, selection of fitness/wellness programs, stress management, and program implementation. Course fee \$10.

KIN 1163 Foundations of Physical Fitness for Professionals – 3 hours (Fall, Spring)

Study and participation in programs recommended for the development of adult physical fitness. Emphasis on determining the level of fitness, importance of fitness in one's total continuing well-being, nutrition and diet selection, monitoring the effect of fitness activities, selection of fitness/wellness programs, stress management, and program implementation. Special consideration will be given to how professionals in Physical Education, Exercise Science, and Sport Management may apply this information to their field. Course fee \$10.

KIN 1171 Advanced Swimming – 1 hour (Fall, On demand)

The American Red Cross Advanced Test must be passed for course credit to be received. Instruction on advanced skills and techniques for swimming will be utilized. Course fee \$5.

KIN 1181 Aqua Exercise – 1 hour (Fall, Spring, On demand)

Instruction in skills and techniques of exercise in the water. Course fee \$5.

KIN 1201 Rock Climbing – 1 hour (On demand)

Students will be taught the theoretical and technical basics of rock climbing. The focus of the course will be to teach the student technique and safety. Knowledge and practice will provide the student a personal lifetime sport. Course fee \$10.

KIN 1211 Walleyball – 1 hour (On demand)

This is an introductory course to Walleyball. Rules of the game, equipment necessary for safe and competitive play, skills for competent court play, and options for practice sessions and matches make up the course.

KIN 2011 Scuba Diving – 1 hour (Fall, On demand)

Theory and techniques of scuba diving. Ten lessons in pool and four open water classes. All equipment provided. Course fee \$195.

KIN 2012 Officiating Sports – 2 hours (Fall, On demand)

A study of the rules, methods and techniques of officiating sports. Emphasis will be on major sports. Course fee \$65.

KIN 2023 Perceptual Motor Development – 3 hour (Fall, Spring)

Methods of teaching children through movement experiences. An emphasis will be placed on perceptual motor development as it relates to movement.

KIN 2032 Coaching of Volleyball – 2 hours (Fall, On demand)

Study of offensive and defensive skills and strategy of volleyball. Coaching methods, strategy and organization of practice and matches are emphasized.

KIN 2042 Psychology of Coaching – 2 hours (Fall, On demand)

An examination of the psychological principles that apply in coaching, athletics and physical activity.

KIN 2052 Coaching of Softball and Baseball – 2 hours (Spring, On Demand)

The methods and materials used in coaching softball and baseball will be examined. A study of practice organization, skill analysis, teaching methods for each position, purchase and care of equipment. Conditioning will be included.

KIN 2063 School Health Education – 3 hours (On demand)

Curriculum for and methods of teaching health education in elementary and secondary schools.

KIN 2133 Principles of Human Anatomy – 3 hours (On demand)

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 1003, BIO 1001.

KIN 2143 Lifetime Activities – 3 hours (Fall)

The focus of this course is to equip the student with knowledge, safety, and experience of those physical activities an individual can participate in for a lifetime. Activities will include golf, tennis, bowling, rock-climbing, hiking, backpacking, fly fishing, bait casting, archery, basic orienteering, and hunter's safety. Course fee \$70.

KIN/BIO 2243 Nutrition – 3 hours (Fall, Spring)

Nutritional requirements of mankind with emphasis on the roles of nutrients in the body throughout the life cycle. *Note:* This course may not be included in the curriculum for a biology major.

KIN 3012 Coaching of Football – 2 hours (Fall, On Demand)

Study of offensive and defensive systems; methods of coaching football.

KIN 3013 Teaching of Individual and Dual Sports – 3 hours (Spring, On demand)

Class organization, teaching and coaching methods for selected individual and dual sports. Prerequisites: KIN 1012 and KIN 1022.

KIN 3022 Coaching of Basketball – 2 hours (On demand)

Study of components of basketball. Emphasis on individual and team skills, conditioning and strategy of play.

KIN 3032 Advanced Scuba Diving – 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 rhythms patterns including application of music used in basic movements. Application of teaching methods used in Tinkling, square dance, line dance, ballroom dance, and many more basic rhythms used in the physical education curriculum. Tempo, beat, and flow techniques are implemented into each topic. Course fee \$25.

KIN 3053 Measurement and Evaluation in Sport – 3 hours (Spring)

A course to acquaint students with various evaluation methods in physical education. Practice is given to administering tests and interpreting results with appropriate statistical procedures. Course Fee: \$25.

KIN 3062 Coaching of Track and Field – 2 hours (Spring, On Demand)

Study of accepted forms of track and field events; factors affecting endurance, speed and fatigue; preparation and selection of contestants for competition; and management techniques.

KIN 3073 Physiology of Exercise – 3 hours (Fall, Spring)

Study of the effects of exercise on the organs and systems of the body; special emphasis on the cardio-respiratory system. Prerequisite: KIN 2133 or BIO 2204. Course fee \$25.

KIN 3083 Care and Prevention of Athletic Injury – 3 hours (Fall, Spring)

The course is designed for students to understand the basic care and prevention of athletic injuries, including the identification of common physical disorders, sports trauma, typical injury management, taping, bracing, and medical documentation. Prerequisite: KIN 2133. Course fee \$50.

KIN 3093 Responding to Emergencies – 3 hours (Fall, Spring)

Study of treatment for common emergencies including treatment of wounds, shock, poisoning, fractures, unconsciousness and stoppage of breathing. American Red Cross certificate may be earned. Fee \$80.

KIN 3133 Teaching Elementary Physical Education – 3 hours (Spring)

Teaching methods; selection of activities; program planning; emphasis on development of a progressive curriculum. Course fee \$20. In order to enroll in EDU 3133 a GPA of 3.00 is required.

KIN 4001—Kinesiology Capstone – 1 hour (Fall, Spring)

Exploration of professional development topics and issues facing professionals in the fields of exercise science and sport management. Students will receive information related to professional ethics, etiquette, preparation of professional documents, membership in professional organizations, and continuing education opportunities.

KIN 4003 Kinesiology – 3 hours (Fall, Spring)

Study of skeletal and muscle systems as they relate to physical education and athletic movements. Practice is given in identification of proper form and procedures for correcting errors in sports movements. Prerequisite: KIN 2133.

KIN 4013 Sport in American Society – 3 hours (Spring)

Presents an introduction to basic issues and current research in the psychological and sociological aspects of American sport, physical activity, and leisure. Specific emphasis is placed on the influence of sport as a social system and the influence of the psychology on the athlete or in sports. Prerequisite: 64 hours completed.

KIN 4043 Adapted Physical Education – 3 hours (Fall)

Surveys areas of exceptionalities that occur within a physical education class as well as in a classroom setting. It is designed to help the prospective physical education teacher identify and understand the unique problems of the disabled individual giving specific consideration to mental retardation, pervasive development disorders, learning disabilities mental health disorders, physical disabilities, communication and visual disorders, health impairments, aging, juvenile and adult corrections.

KIN 4533 Secondary Methods of Teaching Physical Education – 3 hours (Fall)

Teaching methods; selection of activities; program planning; emphasis on development of a progressive curriculum (restricted to physical education majors.) In order to enroll in KIN 4533 a GPA of 3.00 is required.

KIN 4773 Principles of Strength Conditioning – 3 hours (Fall)

This is an in depth course which covers specific resistance training and conditioning as it pertains to athletes and adults. It is a cumulative course that allows students to apply human physiology and biomechanics as they relate to human performance. This course is to prepare the student for the Personal Strength and Conditioning certification test. Prerequisite: 96 hours completed. Course Fee: \$25.

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 division. Areas of study will vary. Prerequisite: 96 hours completed.

KIN 497(1-3) Physical Education Symposium – 1-3 hours (On demand)

Credit given by special short-term, but intensified, study in the field of physical education including labs, workshops, clinics or conferences sponsored by national, regional or state associations or agencies. Prerequisite: 96 hours completed.

KIN 499(1-3) Independent Studies – 1-3 hours (Fall, Spring)

Exploratory projects of undergraduate research and directed individual study in health and physical education areas not included in the regular curriculum. See further guidelines in this catalog under "Independent Study." Prerequisite: 96 hours completed.

Varsity Sports

KIN credit will be granted for participation in varsity sports. Course numbers for varsity sports are as follows:

- *Men's Varsity Basketball*: 1091-1; 3091-1 (Fall, Spring)
- *Women's Varsity Basketball*: 1091-2; 3091-2 (Fall, Spring)
- *Men's Varsity Soccer*: 1111-1; 3111-1 (Fall)
- *Men's Junior Varsity Soccer*: 1121-1; 3121-1 (Fall)
- *Women's Varsity Soccer*: 1111-2; 3111-2 (Fall)
- *Men's Junior Varsity Baseball*: 1151-1; 3151-1 (Spring)
- *Men's Varsity Baseball*: 1191-1; 3191-1 (Spring)
- *Men's Varsity Tennis*: 1291-1; 3291-1 (Spring)
- *Women's Varsity Tennis*: 1291-2; 3291-2 (Spring)
- *Men's Varsity Cross Country*: 1391-1; 3391-1 (Fall)
- *Women's Varsity Cross Country*: 1391-2; 3391-2 (Fall)
- *Men's Varsity Football*: 1491-1; 3491-1 (Fall)
- *Men's Varsity Track*: 1591-1; 3591-1 (Spring)
- *Women's Varsity Track*: 1591-2; 3591-2 (Spring)
- *Men's Varsity Golf*: 1691-1; 3691-1 (Spring)
- *Women's Varsity Golf*: 1691-2; 3691-2 (Spring)
- *Women's Varsity Softball*: 1791-2; 3791-2 (Spring)
- *Women's Beach Volleyball*: 1881-2; 3881-2 (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 4031 Professional Development – 1 hour (Fall, Spring)

A course that equips the graduating student with the necessary information to make the transition from college to the professional world. Emphasis will be placed on career development, etiquette, and personal development/application to the students chosen career.

LDR 4041 Ethics Seminar – 1 hour (Fall, Spring)

A course that assesses ethical models and how they compare with a Christian worldview. Students will develop and present their own ethical model and worldview.

LDR 4043 Ethics and Professional Development – 3 hours (On demand)

A senior-level course that equips the graduating student with the life skills and information necessary for making the transition from college to the professional world. Emphases will be placed on career development, etiquette, and personal financial planning. Particular attention will be given to the role of personal and professional ethics from a Christian worldview. Course fee \$50. Prerequisite: 64 credit hours completed.

LDR 4063. Leadership Development - 3 hours (Spring)

A review of leadership theory with an emphasis given to the moral and ethical aspects related thereto. The identification and development of leadership characteristics will be stressed with the intent to inspire moral gains on a personal and organizational level. Various tools will be utilized throughout the course to facilitate the identification or development of a student's leadership traits. Note: There is a fee of \$150 if you are taking this course dually enrolled with LDR 5063..

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, Spring, May)

The study of the process of management, which is the coordination of all the resources of organizations in order to achieve organizational objectives. The management process will be described, analyzed and applied to all types of organizations, indicating the universality of management. Prerequisite: 24 credit hours completed.

MGT 3033 Operations Management – 3 hours (Fall, Spring)

An introduction to operations management, which is the design, operation and improvement of the processes that transform inputs into finished goods and services so as to meet the goals of both manufacturing and service organizations. Students learn how to apply the basic analytical models to operations decisions involving planning, scheduling and controlling product and service facilities, product and service design, processes, cost, quality, quantity assurance, production, capacity, inventory management, just-in-time production, supply chain management, project management and distribution requirements. Prerequisite: MGT 3013.

MGT 4033 Human Resource Management – 3 hours (Fall, Spring odd years)

Focuses on the policies, methods and techniques that professional personnel and human resource managers create and implement to achieve successful human resource programs. Prerequisite: MGT 3013.

MGT 4043 Organizational Behavior and Theory – 3 hours (Fall, Spring even years)

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, Summer)

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. Prerequisite: MGT 3013.

MGT 4083 Strategic Management – 3 hours (Fall, Spring)

Examine the cooperation that must exist across various functional areas of the business to effectively

scan the environment and formulate, implement, evaluate and control corporate objectives, strategies, and policies in order to positively influence the long-term performance of the organization. A business simulation program will be extensively utilized to reinforce the objectives of the course. This course is the capstone requirement for majors in computer information science and all majors from the Division of Business. *Note:* To be taken in one of students' final two semesters at SBU.

MGT/MKT 4153 Retailing – 3 hours (Fall)

Explores the essential elements of the retail management process. Topics to be covered include strategic planning, the evaluation of retail customers and competitors, target market and location selection, the retailing marketing mix, store design, and managing human resources. Prerequisites: MKT 3023 and MGT 3013.

MGT 495(1-4) Intensive Studies in Management – 1-4 hours (On demand)

Topics will vary with each offering; therefore, the course may be repeated for credit.

MGT 499(1-3) Independent Study in Management – 1-3 hours (On demand)

Independent study of some problem or area in the major not covered in the organized courses. The study is under the direction of a faculty member in whose field of specialization the problem or area lies. Prerequisites: 3.00 GPA in major field and 60 credit hours completed.

Marketing

MKT 295(1-4) Special Topics in Marketing – 1-4 hours (On demand)

Topics will vary with each offering; therefore, the course may be repeated for credit.

MKT 3023 Principles of Marketing – 3 hours (Fall, 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 (Spring)

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 (Spring)

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 Advertising – 3 hours (Fall)

This course is designed as a creative, innovative introduction to advertising. Types of advertising media, copy and style will be evaluated, and emphasis will be placed on creativeness in advertising. This course includes a semester-long advertising campaign project.

MKT 4013 Marketing Research – 3 hours (Spring, odd years)

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.

MKT 4023 Marketing Management – 3 hours (On demand)

Advanced study of the role and responsibilities of marketing executives. Emphasis will include the analysis, planning, organization, implementation and control of marketing programs.

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 Digital and Social Media Marketing – 3 hours (Spring)

This course covers a variety of topics including online advertising, email marketing, mobile advertising, search engine optimization, social media marketing, online listening and monitoring, and web and social media analytics. Through course assignments and a final project/presentation, students develop capabilities in designing, implementing, and evaluating digital marketing strategies. Students also have the opportunity to gain hands-on learning experience by participating in digital marketing online learning modules.

MKT 4263 Strategic Marketing – 3 hours (Fall)

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 of the organization. Note: There is a fee of \$150 if you are taking this course dually enrolled with MKT 5023.

MKT 495(1-4) Intensive Studies in Marketing – 1-4 hours (On demand)

Topics will vary with credit offering; therefore, the course may be repeated for credit.

MKT 499(1-3) Independent Study in Marketing – 1-3 hours (On demand)

Independent study of some problem or area in the major not covered in the organized courses. The study is under the direction of a faculty member in whose field of specialization the problem or area lies.

Prerequisites: 3.00 GPA in major field and 60 credit hours completed.

Mathematics

MAT 0103 Pre-Algebra – 3 hours (No longer offered as of Fall 2020)

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 16 on the Math ACT. There will be three hours of lecture and one hour of laboratory work each week. This course does not count toward the 128 hours required for graduation. Lab fee \$18.

MAT 0243. Mathematical Literacy – 3 hours (Fall, Spring)

This course is a one-semester preparatory course for MAT 1243-Algebraic Reasoning and Modeling. The emphasis is on active learning, applications, and context. Topics include utilizing a spreadsheet tool, numeracy, notation, formula manipulation, data analysis, pattern recognition, mathematical reasoning, linear and exponential models, and basic statistics. There will be three hours of lecture and one hour of laboratory work each week.

MAT 1163 Pre-Calculus – 3 hours (Summer Online and On Demand)

This course is a rapid and in depth review of algebra, trigonometry functions in the context that it will be used in Calculus. It is intended for the student needing additional algebra and/or trigonometry skills to enable success in MAT 1195 (Calculus) or MAT/BUS 1193 (Business Calculus). Prerequisite: Score of 24 or higher on Math ACT Examination, or a CLT Quantitative Reasoning sub score of 21 or higher, or a minimum grade of C in MAT 1243 or its equivalent.

MAT 1173 Discrete Mathematics – 3 hours (Fall, 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 1243 or its equivalent with a minimum grade of C.

MAT/BUS 1193 Business Calculus – 3 hours (On demand)

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 1243 or its equivalent with a minimum grade of C, MAT 1163 or its equivalent with a minimum grade of C, or score of 24 or higher on the Math ACT. *Note:* MAT 1193 is a terminal math course. Students desiring further study of calculus must take MAT 1195. Also, a student who takes BUS/MAT 1193 and MAT 1195 will receive credit for only MAT 1195.

MAT 1195 Calculus I – 5 hours (Fall, Spring)

This course studies graphs, functions, plane analytical geometry, limits, continuity, derivatives, velocity-acceleration, rates of change, maxima and minima, differentials, the Mean Value Theorems for integrals and derivatives, antiderivatives, definite integrals, area, and methods of finding volumes. Prerequisite: MAT 1163 or its equivalent with a minimum grade of C; MAT 1243 or its equivalent with a minimum grade of C; or score of 26 or higher on the Math ACT. *Note:* A student who takes BUS/MAT 1193 and MAT 1195 will receive credit for only MAT 1195.

MAT 1243. Algebraic Reasoning and Modeling (formerly MAT 1143-College Algebra) – 3 hours (Fall, Spring)

This course explores the use of algebra in the real world. This exploration takes place by examining the concept of function. Conceptual understanding of linear, exponential, logarithmic, quadratic, and other polynomial functions is grounded in the collection and statistical analysis of real world data. Functions will be used to solve real world problems using modeling techniques. The concept of function is also explored in detail using analytic geometry. Prerequisite: Score of 18-25 on the Math ACT or a minimum grade of C in MAT 0243 Mathematical Literacy.

MAT 2255 Calculus II – 5 hours (Spring)

This course examines derivatives and integrals of functions and their inverses including exponential and logarithmic functions. It also investigates techniques of integration, further applications of integrals, sequences, series, polar coordinates, applications of parametric equations, and conic sections. Prerequisite: MAT 1195 or its equivalent with a minimum grade of C.

MAT 2263 Calculus III – 3 hours (Fall)

This course examines curves and surfaces in three dimensions, derivatives and integrals of functions of more than one variable, and vector calculus. Prerequisite: MAT 2255 or its equivalent with a minimum grade of C.

MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers – 3 hours (Spring)

This course develops the concepts of probability and statistics. Analytic, synthetic, and transformation geometry are investigated. Open only to students preparing to teach in the elementary or middle school.

MAT 295(1-4) Special Topics in Mathematics – 1-4 hours

Selected mathematics topics of special interest.

MAT/CIS 3221 Mentorship in Computing and Mathematics – 1 hour (Fall, Spring)

This course develops leaders in the returning students who mentor and promote achievement in first-year students. Prerequisite: 3.0 GPA and 24 hours completed at SBU.

MAT/PHY 3263. Mathematics for Science & Engineering I - 3 hours (Spring)

A course in mathematical methods essential for the physical sciences and engineering including infinite series, complex variables, and differential equations. Three lectures per week. Prerequisites: MAT 2263 and PHY 2224/PHY 2221 or concurrent enrollment.

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 (Fall)

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 (Spring)

This course is an introduction to symbolic statements, truth tables, quantifiers, inference and implication, special sets of numbers, set operations, correspondences, cardinal numbers, Boolean algebra, and the logical structure of mathematical arguments. Prerequisite: Must have met mathematics general education requirement.

MAT 3343 Mathematical Statistics – 3 hours (Fall)

This course is a Calculus-based investigation of the concepts of probability and statistics including sample spaces, methods of enumeration, discrete and continuous functions or random variables and their distributions, conditional probability, Chebyshev inequalities, central limit theorem, regression and correlation, and sampling and hypothesis testing. Prerequisite: MAT 1195 or BUS/MAT 1193.

MAT 3353 Integrated Mathematics – 3 hours (Spring, even years) 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)

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 – 2 hours (Fall, odd years)

A survey of the significant developments in mathematics and contributions of great mathematicians from the Greeks (Thales) to present day. The course focuses mainly on mathematics developed since the invention of analytic geometry and the calculus. Prerequisite: MAT 1195.

MAT 3391 Preparing For Secondary Mathematics Teacher Certification Exam – 1 hour (Spring)

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

MAT 3473 Analysis of Variance – 3 hours (Spring, odd years)

This course investigates the analysis of variance and related modeling techniques for cases with fixed, random, and mixed effects. These modeling techniques included one-way, two-way, and three-way ANOVA with and without interaction. Prerequisite: BEH 2243 or BUS 2023 or MAT 3343.

MAT/PHY 4263. Mathematics for Science & Engineering II - 3 hours (On demand)

A continuation of PHY/MAT 3263, this course includes special functions, groups and representations, partial differential equations, and other topics essential to engineering and the physical sciences. Three lectures each week. Prerequisite: PHY/MAT 3263.

MAT 4343 Mathematical Statistics II – 3 hours (Spring, even years)

This course is a continuation of the concepts introduced in Mathematical Statistics (MAT 3343). In particular, the concept of modeling with regression analysis will be explored further. The course includes an introduction to both simple linear and multiple regression models with a brief exploration of quadratic models. Modeling with both quantitative and qualitative variables will be studied. There will be a brief introduction to stepwise regression and variable screening methods. Prerequisite: BEH 2243 or BUS 2023 or MAT 3343.

MAT/CIS 4433 Numerical Methods – 3 hours (Fall, even years)

A study of mathematical concepts in a computing context. Topics include numerical integration, systems of equations, root-finding, curve-fitting, and differential equations. Emphasis will be placed on computer-based solutions with implications for programming, algorithm complexity, data representation and approximation, and error measurement. Lab fee \$12. Prerequisite: CIS 1033 and MAT 2263.

MAT 4483 Contemporary Geometry – 3 hours (Spring, odd years)

An axiomatic development of geometry that includes both the classical material of Euclidean geometry and the structure of the alternate axiomatic system of hyperbolic geometry. Prerequisites: MAT 1195 and MAT 3332.

MAT/CIS 4533 Modeling for Data Science – 3 hours (Spring, Odd Years)

This course covers the basics of data modeling, focusing on machine learning and statistical applications. Students will learn how to design, implement, and evaluate data models using popular techniques and tools. Additionally, this course emphasizes writing and communication skills to effectively communicate results and insights. Lab fee \$12. Prerequisite: CIS 3123, MAT 1195, and MAT 3343.

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 498(1-3) Internship in Applied Mathematics – 1-3 hours (Fall, Spring, May, Summer) Academically planned and supervised work experience within applied mathematics, approved by the faculty advisor and division head as an enhancement to the student's educational preparation at SBU. Weekly written reports will be required of the student and performance reports from the employer. A maximum of six semester hours of internships may be applied to the major. Prerequisites: 30 hours completed.

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 – 10 hours (On demand)

Theory and laboratory study of analytical biochemistry, incorporating both routine and special chemical procedures.

MTC 402 Clinical Microscopy – 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 – 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 – 4 hours (On demand)

The science of immunity including antibody development, principles of the antigen-antibody interactions, and techniques of serological testing for various disease states.

MTC 405 Clinical Microbiology – 7 hours (On demand)

The theory and laboratory study of pathogenic bacteria, viruses, rickettsiae, fungi, and parasites. Includes morphology, physiology, taxonomy, and medical significance.

MTC 406 Immunohematology – 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 – 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 (Spring, odd years)

American Military History from the colonial period to the present; its relation to the national development in war and peace.

MIL 3255 Advance Military Science Practicum – 3 hours

The 6-week course is conducted at Fort Lewis, Washington. The instruction, training and evaluation focuses on the professional development issues required to become an Army Officer. The primary focus is on evaluating the student's leadership potential through this mentally and physically demanding camp. The training and evaluation are conducted seven days a week for six weeks and require active participation by all students. The student is placed in leadership positions which require him/her to lead up to 120 fellow students for extended periods of time.

MIL 4113 Military Qualification Skills For the Advanced Cadet – 3 hours

Ethics and professionalism of the military officer; Army command staff functions; oral presentation techniques and practice; military leadership at junior officer level; world change and military obligations. One field trip is required. This course may not be taken pass/not pass.

MIL 4123 Transition from Cadet to Lieutenant – 3 hours

Military justice system; army supply and logistics procedures and responsibilities; officer management system; obligations and responsibilities of a military officer; military leadership at junior officer level. Two field trips are required. This course may not be taken pass/not pass.

MIL 496(1-2) Readings/Research in Military Science – 1-2 hours

Planned readings and research on subjects in or related to Military Science. May be repeated for a total of 3 hours. This course may not be taken pass/not pass.

Music

MUS 0100 Recital Attendance – (Fall, Spring)

Laboratory in music literature, listening and performance. Attendance at a designated number of division-sponsored or approved concerts. Music majors must complete six semesters of this course. Enrollment for pass-fail only.

MUS/CHR 023(0-1) Worship Lab – 0-1 hour (Fall, Spring)

Laboratory in worship planning and worship leadership. Attendance at a designated number of division-sponsored learning and discussion events, plus assignment to worship-leading teams for rehearsal and participation in worship-leading opportunities. Lab fee \$20.

MUS 1101 Basic Class Piano I – 1 hour (Fall, Spring)

Class instruction in piano designed for non-music students with no previous experience or less than one year. May not be taken by music majors or minors. Two hour lessons per week. No jury required. Lab fee \$20.

MUS 1111 Basic Class Piano II – 1 hour (Fall, Spring)

Continuation of MUS 1101 but may be taken by non-music students with one-three years previous study. Students with more than three years study should enroll in Applied Piano. Two one-hour lessons per week. No jury required. Prerequisite: MUS 1101 or permission of instructor. Lab fee \$20.

MUS 1121 Secondary Class Piano I – 1 hour (Fall)

Class instruction in piano for music majors and minors to develop functional ability in required secondary performance area. Required each semester until piano proficiency examination is passed. Two one-hour lessons per week. No jury required. Lab fee \$20.

MUS 1131 Secondary Class Piano II – 1 hour (Spring)

Continuation of MUS 1121. Prerequisite: MUS 1121 or permission of Coordinator of Applied Music. Lab fee \$20.

MUS 1141 Basic Class Voice – 1 hour (Fall, Spring)

Class instruction in voice designed to introduce beginning, non-music majors or minors. Lab fee \$20. No jury required.

MUS 1151 Basic Class Guitar I – 1 hour (Fall, Spring)

Class instruction which covers fundamental concepts and applied methods in guitar. Emphasis will be given to chording, beginning music theory, strumming and finger-picking styles of playing, song-writing

and performance techniques as they apply to the guitar. Completion of this course satisfies the guitar proficiency requirements for music education majors.

MUS 1161 Basic Class Guitar II – 1 hour (Fall, Spring)

Continuation of MUS 1151.

MUS 1171 Introduction to Church Music and Worship Leadership – 1 hour (Spring)

An introductory overview of the church music curriculum and careers in church music, with an emphasis on the qualifications and skills necessary for worship leaders.

MUS 1601 Music Fundamentals Lab – 1 hour (Fall, Spring)

An elementary study of the basic fundamentals of music reading including notation, rhythm, and chords. Some sightsinging, rhythm reading, and basic keyboard study will also be included. Concurrent enrollment in MUS 1613 or MUS 1623 is required.

MUS 1611 Sightsinging/Eartraining I – 1 hour (Fall)

Training in sightsinging and aural perception. Must be taken concurrently with MUS 1613. Music majors and minors; other with consent of division head. Lab fee \$20.

MUS 1613 Theory I – 3 hours (Fall)

An intensive study of theoretical concepts of music organization, including notation, melody, rhythm and harmony. Must be taken concurrently with MUS 1611; music majors and minors; others with consent of theory coordinator. Concurrent enrollment in MUS 1601 may be required based on theory placement examination. Lab Fee: \$20.

MUS 1621 Sightsinging/Eartraining II – 1 hour (Spring)

Continuation of MUS 1611. Must be taken concurrently with MUS 1623. Lab fee \$20. Prerequisite: MUS 1611 and MUS 1613 with a minimum grade of C.

MUS 1623 Theory II – 3 hours (Spring)

An historical/analytical study of theoretical concepts of music through the classical period. Must be taken concurrently with MUS 1621; Prerequisite: MUS 1611 and MUS 1613 with a minimum grade of C. Concurrent enrollment in MUS 1601 may be required based on the needs of the student. Lab Fee: \$20.

MUS 1633 Survey of Music Literature – 3 hours (Fall, Spring)

Survey of representative music literature from all historical periods and the development of analytical listening techniques. Music majors and minors.

MUS 1701 Introduction to Music Education – 1 hour (Spring)

Introductory overview of the music education curriculum and the profession of the music educator.

MUS 2121 Secondary Class Piano III – 1 hour (Fall)

Continuation of MUS 1131. Prerequisite: MUS 1131 or permission of Coordinator of Applied Music. Lab fee \$20.

MUS 2131 Secondary Class Piano IV – 1 hour (Spring)

Continuation of MUS 2121. Prerequisite: MUS 2121 or permission of Coordinator of Applied Music. Lab fee \$20.

MUS 2602 Survey of World Music – 2 hours (Spring)

A survey of non-Western music as a way to experience and understand different cultures through their unique musical systems. Prerequisite: (choose one) FAR 1003, FAR 1023, HON 1003 or MUS 1633.

MUS 2611 Sightsinging/Eartraining III – 1 hour (Fall)

Advanced work in sightsinging and aural perception, including the study of standard music literature. Must be taken concurrently with MUS 2613. Lab fee \$20. Prerequisite: MUS 1621 and MUS 1623 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 common-practice period as well as a brief study of counterpoint, fugue and variation techniques. Must be taken concurrently with MUS 2611. Lab fee \$20. Prerequisite: MUS 1621 and 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 and MUS 2613 with a minimum grade of C. Lab fee \$20.

MUS 2623 Theory IV – 3 hours (Spring)

An historical/analytical/compositional study of theoretical concepts of music from 1890 to the present. Must be taken concurrently with MUS 2621. Lab fee \$20. Prerequisite: MUS 2611 and MUS 2613 with a minimum grade of C.

MUS 2631 Sightsinging for the Stage – 1 hour (Fall, even years)

A continuation of MUS 1621 for students pursuing a minor in musical theatre. Further exploration of meter, rhythm patterns, intervals and keys through singing exercises at sight. Particular application to musical theatre song materials. Ensemble, partner and solo exercises will be used. Lab fee \$20.

MUS 2702 Basic Conducting – 2 hours (Fall)

Introduction to manual techniques of conducting, terminology for the conductor, mechanics of choral, band and orchestral scores. Prerequisites: MUS 1621 and 1623.

MUS 2711 Instrumental Fundamentals – 1 hour (Spring)

An elementary study of woodwind, brass, and percussion instruments with emphasis on tone production, fundamental performance techniques, and pedagogy. Lab fee \$25.

MUS/CHR 2712 Worship Leading for Small Groups – 2 hours (Spring, odd years)

To provide basic worship leading skills for ministerial students and others working with small churches and small groups. Attention given to motivating and directing congregational and small group singing, planning worship services and rudimentary techniques in leading choirs of limited skill. No credit for music majors and minors.

MUS 2721 String Fundamentals – 1 hour (Fall)

An elementary study of string instruments with an emphasis on tone production and fundamental performance techniques. Laboratory teaching experience. Two class meetings per week. Lab fee \$25.

MUS 2731 Woodwind Methods – 1 hour (Spring, even years)

An intensive study of woodwind instruments including a survey of solo, ensemble and instructional literature. Emphasis on the ability to play and teach. Laboratory teaching experience. Two class meetings per week. Lab fee \$35.

MUS 2741 Brass Methods – 1 hour (Fall, even years)

An intensive study of brass instruments including a survey of solo, ensemble and instructional literature. Emphasis on the ability to play and teach. Laboratory teaching experience. Two class meetings per week. Lab fee \$25.

MUS 2751 Percussion Methods – 1 hour (Spring, odd years)

An intensive study of percussion instruments including a survey of solo, ensemble and instructional literature. Emphasis on the ability to play and teach. Laboratory teaching experience. Two class meetings per week. Lab fee \$25.

MUS 2771 Vocal Diction I – 1 hour (Spring)

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 (Spring)

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 division head.

MUS 3602 Analysis of Music Structure – 2 hours (Fall, odd years)

Advanced study of analytical techniques applied to music from the 17th-20th centuries. Prerequisite: MUS 2611 and 2623.

MUS 3622 Orchestration – 2 hours (Fall, even years)

Study of the capabilities of band and orchestral instruments; analysis of scores; practical work in scoring for small and large instrumental combinations. Prerequisite or concurrent enrollment: MUS 2611 and 2623. Lab fee \$20.

MUS 3653 History of Western Music I – 3 hours (Fall)

Intensive study of the history of music and representative music literature before 1750. Prerequisite: MUS 1633 and MUS 2613 or permission of instructor.

MUS 3663 History of Western Music II – 3 hours (Spring)

Intensive study of the history of music and representative music literature since 1750. Prerequisites: MUS 2623 and MUS 3653.

MUS 3672 Organ Literature and Design – 2 hours (Spring, odd years)

A survey of organ literature and practical study of organ registration, design and pedagogy. Prerequisite: MUS 1321 or 1322.

MUS 3712 Choral Conducting – 2 hours (Spring)

Continued work toward mastery of the basic skills of conducting. Emphasis upon the development of choral rehearsal and performance techniques. Survey of stylistic characteristics of the five major periods of choral literature. Prerequisite: MUS 2702.

MUS 3722 Instrumental Conducting – 2 hours (Spring, even years)

Continued work toward mastery of the basic skills of conducting, including score study, score arranging, and baton technique. Emphasis upon development of band and orchestra rehearsal and performance techniques. Survey of stylistic characteristics of major periods of band literature. Prerequisite: MUS 2702.

MUS 3732 Church Music Literature and Materials – 2 hours (Fall, even years)

Survey and analytical study of sacred music literature including choral and instrumental music representing all periods of church music with emphasis on music relevant to the contemporary church. Prerequisite: MUS 1623 and 1633.

MUS 3742 Church Music Education – 2 hours (Spring, odd years)

A study of organizational techniques, methods and materials, unit and rehearsal plans and enlistment procedures for a church music program for children through grade six.

MUS/CHR 3752 Instrumental Ministry in the Church – 2 hours (Spring, even years)

A practical study of the use of instrumental music in the church, including all aspects of instruments in music ministry. Techniques and materials used by the church pianist and organist involving hymn playing, modulation, transposition, improvisation, and accompanying choirs and soloists. The use of band and orchestra instruments in varying combinations and the use of handbells in music ministry. Prerequisite: Two semesters of piano (or organ) or permission of instructor.

MUS/CHR 3783 Worship and Song in the Church – 3 hours (Fall)

A historical survey of the worship practice and congregational song of the major Christian denominations with an emphasis on planning worship for today's churches.

MUS 3802 Piano Literature – 2 hours (Fall, odd years)

A general survey of piano repertoire from 1650-Present. Prerequisite: Two semesters of piano or permission of instructor.

MUS 3812 Vocal Pedagogy – 2 hours (Spring, odd years)

An intensive study of vocal teaching techniques and vocal literature for use in private studio, voice class, music contest and worship. Laboratory teaching experience. Prerequisite: Four semesters of applied voice or consent of instructor.

MUS/EDU 3813 Elementary Music Education – 3 hours (Spring)

Study of administrative teaching techniques and survey of materials for teaching vocal and instrumental music in early childhood and elementary grades. Examination of musical concepts and skills appropriate at each age or learning level. Training in use of piano, recorder, autoharp and fretted instruments. Prerequisite: MUS 1621 and 1623; music majors and minors only. In order to enroll in EDU 3813 the student must have a 3.0 GPA in EDU coursework.

MUS 3842 History of Musical Theatre – 2 hours (Spring, odd years)

A multicultural study of the history and evolution of American musical theatre and its place in American society as one of the quintessentially American forms of performance.

MUS 3853 Music Industry I – 3 hours (Fall, even years)

A study of issues affecting the music industry professional. An introduction to careers, public relations, self-promotion and music licensing organizations. Prerequisite: 64 hours completed or permission of instructor.

MUS 3863 Music Industry II – 3 hours (Fall, odd years)

An in-depth study of issues affecting the music industry professional. Aspects of concert promotion, contracts, licensing costs and the role of the music agent will be studied. Prerequisite: 64 hours completed or permission of instructor.

MUS 3923 Recording Techniques – 3 hours (Spring, odd years)

Survey of terminology, equipment, and basic techniques of sound reinforcement and recording, along with hands-on projects in recording and live performances. Lab fee \$35.

MUS/CHR 4101 Church Music Technology – 1 hour (Spring, even years)

An introductory overview of the technology available to church musicians. Prerequisite: CIS 1103 or 1033.

MUS/EDU 4573 Methods of Teaching Vocal Music in the Middle and Secondary Schools – 3 hours (Fall, odd years)

Study of philosophy of music education, administrative and teaching techniques and materials for teaching vocal music in the middle and secondary schools. Music majors and minors only. Prerequisites: MUS 1621 and 1623. In order to enroll in EDU 4573 the student must have a 3.0 GPA in EDU coursework.

MUS/EDU 4582 Methods of Teaching Instrumental Music in the Middle and Secondary Schools – 2 hours (Fall, even years)

Study of philosophy of music education, administrative and teaching techniques and materials for teaching instrumental music in middle and secondary schools. Emphasis will be placed on lesson plans and their implementation. Music majors and minors only. Prerequisites: MUS 1621 and 1623. In order to enroll in EDU 4582 the student must have a 3.0 GPA in EDU.

MUS 4622 Choral Arranging and Composition – 2 hours (Spring)

Original composition in idioms of the 20th century, including original pieces suitable for school and church. Emphasis on creative ideas and techniques for choral arranging. Lab fee \$20. Prerequisite: MUS 2621 and 2623.

MUS 4701 Supervised Teaching in Piano – 1 hour (Fall, Spring)

Practical piano teaching experience in a supervised laboratory situation. Prerequisite: MUS 2802.

MUS 4712 Choral Techniques – 2 hours (Fall, even years)

Building the needed understanding, listening skills and expectations for developing a choral ensemble in regard to the aspects which shape choral teaching and performance, which include: vocal pedagogy and choral tone, musicality and performance practice, text and diction, rhythmic vitality, tuning and intonation, and dynamics. Prerequisites: MUS 3712. Music major and minors only.

MUS 4722 Repertoire for Secondary Choral Music – 2 hours (Spring, even years)

A study of choral music appropriate for use in the secondary school and the criteria for its selection. Prerequisite: MUS 3712 or permission of instructor.

MUS 4732 Marching and Jazz Band Techniques – 2 hours (Fall, odd years)

Study of techniques in the organization, training and performance of marching and jazz bands in public schools. Techniques for music arranging and drill writing will be studied. Laboratory: required field trips to high school rehearsals, parades and contests.

MUS 4742 Repertoire for Secondary Instrumental Music – 2 hours (Spring, odd years)

A study of instrumental music appropriate for use in the secondary school and the criteria for its selection. Prerequisite: MUS 3722 or permission of instructor.

MUS/CHR 4743 Church Music Administration – 3 hours (Fall, odd years)

Study of the functional approach to the church music ministry including organization, administration, budget, calendar, scheduling, purchase and maintenance of equipment, rehearsal, performance, service planning, congregational activities and staff relations.

MUS 4752 Supervised Field Experience in Church Music – 2 hours (Fall, Spring)

On-the-job training under the supervision of a full-time minister. Includes observation and supervised work as director and/or accompanist. Course fee \$75. Prerequisite: MUS 3743 and 4743.

MUS 495(1-4) Intensive Studies in Music – 1-4 hours (On demand)

Topics of special interest in music. May require the appropriate applied fee. Prerequisite: Consent of division head.

MUS 4983 Internship in the Music Industry – 3 hours (On demand)

On-the-job training in a music industry agency, such as a recording studio, music store or music theater. Includes 160 hours of observation, instruction, supervised tasks and evaluation.

MUS 499(1-3) Independent Studies – 1-3 hours (Fall, Spring)

Advanced studies of specific topics arranged with division head.

ENSEMBLES:

Students enroll in ensemble according to academic classification prefix. (1) Freshman; (2) Sophomore; (3) Junior; (4) Senior. The major ensembles are: University Singers, SBU Chorale, University Band, Wind Symphony, and Orchestra.

MUS (1,2,3,4)001 University Singers – 1 hour (Fall, Spring)

Open to all students by audition. Study and performance of literature for the mixed choir. Three rehearsals per week. Concerts on campus and off-campus. Lab fee \$20.

MUS (1,2,3,4)011 SBU Chorale – 1 hour (Fall, Spring)

Open to all students by audition. Study and performance of advanced literature for the mixed choir. Four rehearsals per week. Concerts on campus and on tours. Lab fee \$20.

MUS (1,2,3,4)021 Wind Symphony – 1 hour (Fall, Spring)

Open to all students by audition. Study and performance of works for concert band (woodwinds, brass, percussion and string bass). Four rehearsals per week. Concerts on campus and on tours. Lab fee \$20.

MUS (1,2,3,4)031 Chamber Orchestra – 1 hour (Fall, Spring)

Open to all students by audition. Study and performance of works for string and full orchestra as well as for other combinations involving orchestra string instruments. Three rehearsals per week. Lab fee \$20.

MUS/THR (1,2,3,4)041 Opera Theatre – 1 hour (Fall, Spring)

Open to all students by audition. Study and performance of operatic or musical theater solos and ensembles. One major production per year. Lab fee \$10.

MUS (1,2,3,4)051 Jazz Ensemble – 1 hour (Fall, Spring)

Open to all students by audition. Study and performance of works for jazz ensemble. Two rehearsals per week. Concerts on campus and on tours. Lab fee \$10.

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

Open to all students by audition. Various quartets, quintets and choirs. Lab fee \$10.

MUS (1,2,3,4)071 Percussion Ensemble – 1 hour (Fall, Spring)

Open to all students by audition. Various chamber ensembles consisting of percussion instruments. Lab fee \$10.

MUS (1,2,3,4)081 Higher Ground – 1 hour (Fall, Spring)

Open to all students by audition. Small ensemble of vocalists and instrumentalists emphasizing

contemporary Christian music. Performance on campus and on tour in schools and churches. Vocalists must be enrolled in SBU Chorale or University Singers. Lab fee \$10.

MUS (1,2,3,4)091 University Band – 1 hour (Fall, Spring)

Open to all students and community members. One/two evening rehearsals per week. Concerts on campus in conjunction with the Wind Symphony. Lab fee \$20.

MUS 2111 Community Chorus – 1 hour (Fall, Spring)

Open to all students and community members. One/two evening rehearsals per week. Concerts on campus in conjunction with the University Singers. Lab fee \$20.

MUS (1,2,3,4)511 Chamber Singers – 1 hour (Fall, Spring)

Open to all students by audition. Vocal ensemble performing chamber literature from major stylistic periods including vocal jazz. Three rehearsals per week. Must be enrolled in SBU Chorale concurrently, or by instructor approval. Lab fee \$10.

MUS (1,2,3,4)521 Woodwind Ensemble – 1 hour (Fall, Spring)

Open to all students by audition. Various chamber ensembles consisting of one or more of the following: flutes, oboes, clarinets, saxophones and bassoons. Lab fee \$10.

MUS (1,2,3,4)531 String Ensemble – 1 hour (Fall, Spring)

Open to all students by audition. Chamber ensemble consisting of bowed string instruments. Lab fee \$10.

Non-Credit Options For Ensemble Enrollment

- MUS 2010 SBU Chorale – 0 credit hours (Fall, Spring) Lab fee \$20.
- MUS 2020 Wind Symphony – 0 credit hours (Fall, Spring) Lab fee \$20.
- MUS 2030 Chamber Orchestra – 0 credit hours (Fall, Spring) Lab fee \$20.
- MUS 2090 University Band – 0 credit hours (Fall, Spring) Lab fee \$20.
- MUS 2100 University Singers – 0 credit hours (Fall, Spring) Lab fee \$20.
- MUS 2110 Community Chorus – 0 credit hours (Fall, Spring) Lab fee \$20.
- MUS 2040 Opera Theatre – 0 credit hours (Fall, Spring) Lab fee \$10.
- MUS 2050 Jazz Ensemble – 0 credit hours (Fall, Spring) Lab fee \$10.
- MUS 2060 Brass Ensemble – 0 credit hours (Fall, Spring) Lab fee \$10.
- MUS 2070 Percussion Ensemble – 0 credit hours (Fall, Spring) Lab fee \$10.
- MUS 2080 Higher Ground – 0 credit hours (Fall, Spring) Lab fee \$10.
- MUS 2510 Chamber Singers – 0 credit hours (Fall, Spring) Lab fee \$10.
- MUS 2520 Woodwind Ensemble – 0 credit hours (Fall, Spring) Lab fee \$10.
- MUS 2530 String Ensemble – 0 credit hours (Fall, Spring) Lab fee \$10.

Private Applied Music (Fall, Spring)

Private instruction for music majors and minors and intermediate to advanced non-majors. Students should enroll in applied lessons according to the semester of study in the specific applied area (See applied music enrollment criteria). All applied music may be taken for 1 or 2 hours credit. Applied fee \$250 per credit hour per semester. Practice room fee \$30 per semester.

Enrollment in Applied Conducting presumes previous study in conducting as a prerequisite – this includes MUS 2702 Basic Conducting, along with either: MUS 3722 Instrumental Conducting; or MUS 3712 Choral Conducting and MUS 4712 Choral Techniques.

Enrollment in Applied Composition presumes previous study in music theory as a prerequisite – usually this includes substantial progress in the sequence of music theory courses.

Students who wish to participate in applied music study for no academic credit should enroll in MUS 2200 Applied Music – Applied music for 0 credit hours (1/2 hour lesson each week – applied fee \$250).

MUS 2200 Applied Music – 0 credit hours (Fall, Spring) Fee \$250.

Applied Music Enrollment Criteria

1000-level: First or second semester of study

2000-level Third or fourth semester of study

3000-level: Fifth or sixth semester of study

4000-level: Seventh or more semester of study

- (1,2,3,4)20(1,2) Applied Flute
- (1,2,3,4)21(1,2) Applied Oboe
- (1,2,3,4)22(1,2) Applied Clarinet
- (1,2,3,4)23(1,2) Applied Bassoon
- (1,2,3,4)24(1,2) Applied Saxophone
- (1,2,3,4)25(1,2) Applied French Horn
- 1,2,3,4)26(1,2) Applied Trumpet
- (1,2,3,4)27(1,2) Applied Trombone
- (1,2,3,4)28(1,2) Applied Euphonium
- (1,2,3,4)29(1,2) Applied Tuba
- (1,2,3,4)30(1,2) Applied Percussion
- (1,2,3,4)31(1,2) Applied Piano
- (1,2,3,4)32(1,2) Applied Organ
- (1,2,3,4)33(1,2) Applied Voice
- (1,2,3,4)34(1,2) Applied Violin
- (1,2,3,4)35(1,2) Applied Viola
- (1,2,3,4)36(1,2) Applied Cello
- (1,2,3,4)37(1,2) Applied Double Bass
- (1,2,3,4)40(1,2) Applied Guitar
- (1,2,3,4)41(1,2) Applied Harp
- 438(1,2) Applied Conducting
- 439(1,2) Applied Composition

Nursing

NRS 0031 Pathway to Success - 1 hour (On demand)

Contact hours: Hybrid. This course reinforces strategies to promote successful completion of the prelicensure bachelor of science in nursing (BSN) program. The learning activities are determined by the faculty to ensure students maintain content and clinical proficiency based on individually identified learning needs. This course may be required if a student is unsuccessful in NRS 3117, NRS 3217, NRS 3317, NRS 4114, NRS 4554, or takes a leave of absence from the program.

NRS 3010 New Student Orientation – 0 hours (Spring)

This is a no credit course that outlines the learning management system, technological systems, student resources, and institutional processes. This course is designed to familiarize students with the college's academic expectations, available student support services, and institutional processes during the first semester to promote student success in the nursing program. All students are required to register and participate in the orientation course. Course Fee: \$175.

NRS/NUR/HSC 3043 Health Care Missions – 3 hours (On demand)

This course is for health care students to plan, prepare, and experience health care delivery in an identified area of need. Mission trips must be an approved college/university mission trip with health care experiences.

NRS 3117 Fundamentals of Nursing Practice – 7 hours (Spring)

Contact hours: 60 classroom, 135 clinical. This course introduces fundamentals of nursing practice including the role of the professional nurse, communication, safe patient care, and holistic nursing assessment following evidence-based practice standards. Students will demonstrate knowledge, skills, and attitudes necessary for safe nursing care using evidence-based practice. Skills are taught in the clinical lab and then applied in patient care settings. Prerequisites: MAT 1243, CHE 1003/CHE 1001, BIO 2204, UNI 1111, PSY 1013, BIO 3304, BIO 2243, UNI 1121, BIO 2213, CIS 1103.

NRS 3217 Medical Surgical I: Adult and Elderly Care – 7 hours (Fall)

Contact hours: 60 classroom, 135 clinical. This course builds on the knowledge from fundamentals of nursing practice NRS 3117 with the introduction of quality improvement. Classroom content includes an emphasis on adult and elderly patients, basic medical/surgical health alterations, teamwork, and collaboration. Clinical experiences are designed to complement didactic content. Students will demonstrate knowledge, skills, and attitudes necessary for safe nursing care using evidence-based practice. Students are expected to increase in skills proficiency and prioritize the delivery of safe, quality nursing care. Prerequisites: NRS 3117.

NRS 3233 Pharmacology for Nursing Practice – 3 hours (Fall)

Contact hours: 45 classroom. This course introduces the student to the principles of safe medication administration using clinical reasoning. Content will focus on drug classifications and prototypes, adverse effects, patient education, and nursing priorities related to medication administration for patients across the lifespan. Prerequisites: NRS 3117.

NRS 3317 Medical Surgical II: Complex Adult and Elderly Care – 7 hours (Spring)

Contact hours: 60 classroom, 135 clinical. This course builds on the knowledge from Medical Surgical Nursing I - NRS 3217. Classroom content includes an emphasis on adult and elderly patients, complex medical/surgical health alterations, neuropsychological, and mental health issues. Associated pharmacological therapies specific to this content will be integrated. Clinical experiences are designed to complement didactic content. Students will demonstrate knowledge, skills, and attitudes necessary for safe nursing care using evidence-based practice. Students are expected to demonstrate skills competency and use clinical reasoning to guide interventions, delegation, and collaboration to promote patient-centered, comprehensive nursing care. Prerequisites: NRS 3217.

NRS/NUR 3373. Professional Nursing Practice - 3 hours (Fall, Spring, On Demand)

Contact hours: Online Instruction – 8 weeks. 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.

NRS/NUR 3383. Gerontological Nursing - 3 hours (Fall, Spring, On demand)

Contact hours: Online Instruction – 8 weeks. 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.

NRS/NUR/HSC 3453 Spirituality in Health Care – 3 hours (Spring)

Contact hours: Online Instruction – 8 weeks. This course explores personal Christian spiritual development, theory, and diverse models of spirituality emphasizing their impact on health care settings. Spiritual practices and the responsibilities and issues of spiritual care are examined. Christian discipleship and a Christian theology are discussed as they apply to professional practice in a secular environment.

NRS/NUR/HSC 3563 Health Care Informatics – 3 hours (Spring)

Contact hours: Online Instruction – 8 weeks. This course focuses on the investigation of computer technology and information science to identify, gather, process and manage information. An understanding of information and technology theory, computer and decision-making systems, data management and electronic information retrieval will be presented with relevance to patient care, health care management and health care research. Prerequisites: NRS 3217.

NRS/NUR/HSC 4013 Health Care in Culturally Diverse Populations – 3 hours (Fall)

Contact hours: Online Instruction – 8 weeks. This course explores current issues in healthcare pertaining to culturally diverse populations from a Christian perspective. Students will examine the theoretical, social, economic, political, environmental, and religious factors that affect health in different cultural groups. This course identifies therapeutic healthcare practices for culturally diverse patients, families, and communities. Prerequisite: NRS 3317.

NRS/NUR/HSC 4023 Health Care Finance – 3 credit hours (On demand)

Contact hours: Online Instruction – 8 weeks. This course examines financial principles, techniques, vocabulary, and procedures used to manage health care budgets and operations. Students will learn how to assess the health care financial environment, seek appropriate data, analyze information, and apply the results to the management of daily operations, using a Christian approach to fiscal responsibilities. ASN, BSN or RN-BSN course elective.

NRS 4114 Maternal Child & Family Health – 4 hours (Fall)

Contact Hours: 45 classroom, 45 clinical. This course introduces the student to knowledge and evidence based practices necessary for the delivery of safe professional nursing care to childbearing and childrearing families from diverse populations. Associated pharmacological therapies specific to this content will be integrated. Clinical experiences are designed to complement the didactic content. Students will demonstrate knowledge, skills, and attitudes necessary for safe nursing care using evidence-based practice. Clinical application includes experiences in obstetrical care, labor and delivery, and pediatrics. Prerequisites: NRS 3317

NRS/NUR/HSC 4333 Research and Evidence Based Practice – 3 hours (Fall)

Contact hours: Online Instruction – 8 weeks. This course introduces students to the elementary components of the research process and the application of research to professional practice including the retrieval of relevant literature and critical appraisal. An emphasis is placed on the combined use of literature, clinical judgment, interprofessional perspectives, and patient preferences to guide practice decisions. Legal and ethical conduct for health care professionals involved in research and quality improvement involving diverse populations are examined. The role of theory in the research process with contribution to the development of health care knowledge is explored. Prerequisites: NRS 3317.

NRS/NUR 4404 Community Health – 4 hours (Fall)

Contact hours: 45 clinical. This course focuses on the health of the community, including the holistic care of populations across the lifespan. Practice experiences are designed to complement the didactic content. Students will demonstrate knowledge, skills, and attitudes necessary for safe nursing care using evidence-based practice. Comprehensive health promotion, health maintenance and disease prevention are emphasized and include the historical, economic, social, cultural, and political influences of population health. Prerequisite: NRS 3317.

NRS 4413 Advanced Health Assessment 3 hours (Spring)

Contact hours: Online Instruction – 8 weeks. This course prepares students with the knowledge and skills to perform nursing assessments including the health history, review of systems, and advanced physical assessments in diverse patients throughout the lifespan. Students will perform focused, psychosocial, and comprehensive physical examinations enhanced through at home practice and video-based assessments. Pre-requisite: NRS 4114.

NRS/NUR/HSC 4434 Administration & Leadership – 4 hours (Spring)

Contact hours: Online Instruction – 8 weeks. This course prepares students to provide high quality patient care exploring principles of organizational and systems leadership, including quality improvement, and safety through practice experiences. The course incorporates knowledge and communication strategies within interprofessional teams, care coordination, delegation, and developing conflict resolution strategies to be effective leaders and administrators in a complex and dynamic health care setting. Management theories and concepts are emphasized. Professional issues related to work-life balance, healthy work environments, and resource assistance in building a nursing career are also considered. Prerequisite: NRS 4114.

NRS 4501 NCLEX Review – 1 hour (Spring)

Contact hours: Hybrid. This course will focus on preparing and evaluating student readiness for the NCLEX-RN® licensure examination through intensive topic and course-specific practice examinations integrated from an online, standardized assessment product. Co-requisites: NRS 4554. Prerequisites: NRS 4114.

NRS 4554 Medical Surgical III-Transition to Practice - 4 hours (Spring)

Contact hours: 15 classroom, 135 clinical. This course explores principles of nursing management as well as specialized care of patients with critical and emergent health conditions. Associated pharmacological therapies specific to this content will be integrated. Clinical experiences are designed to complement the didactic content and include a preceptor-guided management experience to prepare students for entry into professional practice. Pre-requisite: NRS 4114. Co-requisite: NRS 4501.

NUR 0011 Student Success Academy – 1 hour (hybrid)

This course introduces study strategies available to students to promote the successful completion of a program within the nursing and health sciences division. The clinical experiences will be determined by the faculty to ensure the student maintains competency. Clinical experiences are designed to complement the individual student based on individual needs and semester enrolled. This course is required if a student is unsuccessful in any of the NUR 1000/2000 level courses except (NUR 1011, NUR 1021, or NUR 2031). Professional Fee: \$100.

NUR 1010 New Student Orientation – 0 hours (Fall, Spring, Summer)

This is a no credit course that outlines the learning management system, technological systems, student resources, and institutional processes. This course is designed to familiarize students with the college's academic expectations, available student support services, and institutional processes during the first

semester to promote student success in the nursing program. All students are required to register and participate in the orientation course. Fees for this course will pay for program resources in the ASN program. Resource Assessment Fee: \$300.

NUR/HSC 1013 Medical Terminology – 3 hours. (Fall, Spring, On demand)

This course focuses on the basic principles of medical terminology and application to the day-to-day work of allied health personnel. This course is an elective for the nursing programs.

NUR 1018 Foundations of Nursing Practice Across the Lifespan – 8 hours (Fall, Spring)

Contact hours: 75 Classroom, 135 Clinical. Emphasizes health promotion, including self-health and patient health practices. Students build an understanding of concepts foundational to the role of the professional nurse with an emphasis on assessment of healthy patients and at-risk patients across the lifespan. Knowledge of growth and development will be used to develop a plan of prevention for at-risk patients across the lifespan. Clinical experiences allow students the opportunity to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care. Prerequisites: CHE 1004, BIO 2204, BIO 3304, BIO 2213. Professional Fee: \$800.

NUR/NRS 1023 Pharmacology for Nursing Practice - 3 Credit Hours Didactic (Fall, Spring)

Contact hours: 45 Classroom. This course introduces the student to the principles of safe medication administration using clinical reasoning. Content will focus on drug classifications and prototypes, adverse effects, patient education, and nursing priorities related to medication administration for patients across the lifespan. Pre-requisite: NUR 1018 or NRS 3117. Professional Fee: \$300

NUR 1028 Patient Centered Care - 8 hours (Fall, Spring)

Contact hours: 60 Classroom, 180 Clinical. Previously learned content will be reinforced and expanded upon. Based on knowledge of the comprehensive assessment of patients across the lifespan, concepts related to chronic and sub-acute physiologic conditions will be introduced. Students will prioritize care of patients with chronic and sub-acute physiologic and psychosocial conditions. Varied clinical experiences will allow the students opportunity to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care. Prerequisites: NUR 1018. Professional Fee: \$800.

NUR 1104 Paramedic/Advanced Placement Bridge – 4 hours (Summer)

Contact hours: 30 classroom, 90 clinical. This course introduces paramedics to professional nursing practice ranging from basic concepts and theories to care for the medical and surgical patients as in the first and second semester nursing courses. Technical skills and pharmacological interventions will be reviewed in the learning resource center, in the classroom, and with guided self-study. Clinical experiences provide opportunities to apply learned classroom knowledge. Sub-concepts of nursing including caring, communication, client education and accountability will be discussed. Prerequisites: BIO 2204, BIO 2213, BIO 3304, CHE 1004, and current Missouri paramedic licensure. Advanced placement into third semester nursing courses is granted upon successful completion of this course, with 15 nursing hours being waived for previous paramedic education. Professional Fee: \$400.

NUR 2003 LPN Bridge – 3 hours (Summer)

Contact hours: 30 classroom/independent study, 45 clinical. This course introduces LPN's to professional nursing practice ranging from basic concepts and theories to care of the medical and surgical patients as found in the first and second semester courses. Technical skills and pharmacological interventions are reviewed in the learning resource center, in the classroom and with guided self-study. Clinical experiences provide opportunities to apply learned classroom knowledge. Sub-concepts of nursing including caring, communication, client education and accountability will be discussed. Prerequisites: BIO 2204, BIO 2213, BIO 3304, CHE 1004, and current LPN Missouri License. Advanced placement into third semester nursing courses is granted upon successful completion of this course with 16 hours of nursing credits being waived for previous LPN education. Professional Fee: \$300.

NUR 2038 Advanced Patient Centered Care – 8 hours (Fall, Spring)

Contact hours: 60 Classroom, 180 Clinical. Previously learned content will be reinforced and expanded upon. Students will focus on patient-centered evidence-based care across the lifespan with emphasis on the child-bearing experience and care of patients with multi-system health conditions. Varied clinical experiences will allow the students opportunities to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care. Prerequisites: NUR 1028. Professional Fee: \$800.

NUR 2048 Nursing Role Integration – 8 hours (Fall, Spring)

Contact hours: 45 Classroom, 225 Clinical. Previously learned content will be reinforced and expanded upon. Students will focus on patient-centered evidence-based care across the lifespan with emphasis on patients with emergent health conditions, triage, and disaster/mass casualty planning. This course will focus on the application of advanced concepts and skills central to professional nursing with an emphasis on the nursing domains of leadership, management of care, professionalism and servant leadership. Varied clinical experiences will allow the students opportunities to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care. A capstone clinical experience with preceptors is included in the course to allow the student to safely transition into the role of the professional nurse. Prerequisites: NUR 2038. NUR 1023. Professional Fee: \$800.

NUR 2052 NCLEX Preparation – (2 hours) (Fall, Spring)

Contact Hours: 30 hours didactic. This course is designed to prepare students for the NCLEX-RN® licensure exam. NCLEX Preparation Transition to Practice is a senior level course designed to assist students in assimilating core nursing content as they prepare to sit for the NCLEX®-RN licensure exam and enter practice. It promotes student success by providing opportunities to improve and develop study skills through guided intense preparation and interactive critical thinking activities. The course builds on the student's understanding of the core content presented in an NCLEX review program. The course aids the student in enhancing their critical reasoning and communication skills based on best practices. Prerequisites: NUR 2038, NUR 2031. Co-requisite: NUR 2048 – Students must be passing NUR 2048 at midterm to begin NUR 2052. Professional Fee: \$200.

NUR 3010 New Student Orientation – 0 hours (Fall, Spring, Summer)

This is a no credit course that outlines the learning management system, technological systems, student resources, and institutional processes. This course is designed to familiarize students with the college's academic expectations, available student support services, and institutional processes during the first semester to promote student success in the nursing program. All students are required to register and participate in the orientation course.

NUR/HSC 3013 Organization and Delivery of Health Care – 3 hours (Fall, Spring, On demand)

This course provides an overview of health care delivery systems, examining such influencing forces as history, values and resources. Considers the role of reimbursement methods, technology, personnel and public policy in health care delivery. Explores the structures, processes, outcomes and challenges of the U.S. health care system. ASN or BSN course elective.

NUR/NRS/HSC 3043 Health Care Missions– 3 hours (On demand)

This course is for health care students to plan, prepare, and experience health care delivery in an identified area of need through a college/university mission trip.

NUR/HSC 3083 Clinical Genetics – 3 hours (On demand)

This course focuses on the fundamentals of genetics. The course is designed to give the student a basic understanding of genetic concepts so that this knowledge can be utilized to understand current and future genetic theories and therapeutics. ASN, BSHS, or BSN course elective.

NUR/NRS/HSC 3093 Survey of Human Anatomy and Physiology for Nursing and Health Sciences – 3 hours (Fall, Spring, Summer)

This course is designed as a refresher course for students who have outdated (>5 years) coursework in human anatomy and physiology. The course will be offered as an accelerated compendium of key concepts of human anatomy and physiology.

NUR 3203 Transition to the BSN Role – 3 hours (Fall, Spring, On demand)

This course introduces students to baccalaureate nursing standards. The core competencies of the RN-BSN program are introduced. These competencies include leadership principles, professional standards, research and evidence based practice, health information technology, health promotion, holistic assessment, and patient education. The fundamentals of successful learning in the online environment are introduced. Foci include assessing information and resources, professional communication, and the development and maintenance of a professional portfolio. The integration of Christian principles and liberal arts education to professional practice are explored.

NUR 3303 Health Assessment – 3 hours (Fall, Spring, On demand)

Curriculum lab fee: \$100. This course will emphasize the assessment phase of the nursing process, which will include expanded history, physical examination, and the skills to perform both for patients throughout the lifespan. Several different types of health assessment approaches will be covered including: holistic, focused, systems, and complete head-to-toe physical examinations. As well, the student will learn to define levels of patient care and to vary assessment techniques accordingly. Critical thinking and assessment skills will be enhanced through practice experiences. Current RN license required. Critical thinking, assessment skills, and lab didactics will be evaluated through at home practice and online instruction.

NUR/NRS 3373 Professional Nursing Practice – 3 hours (Fall, Spring, On demand)

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/NRS 3383 Gerontological Nursing – 3 hours (Fall, Spring, On demand)

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/NRS/HSC 3453 Spirituality in Health Care – 3 hours (Fall, Spring, On demand)

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

NUR/NRS/HSC 3563 Health Care Informatics – 3 hours (Fall, Spring, On demand)

This course investigates concepts of computer technology and information science to identify, gather, process and manage information. This course focuses on an understanding of information and technology theory, computer and decision-making systems, data management and electronic information retrieval will be presented with relevance to patient care, health care management and health care research.

NUR/NRS/HSC 4013 Health Care in Culturally Diverse Populations – 3 credit hours (Spring, Fall, On demand)

This course explores current issues in health care pertaining to culturally diverse populations from a Christian perspective. Students will examine the theoretical, social, economic, political, environmental, and religious factors that affect health in different cultural groups. This course identifies therapeutic healthcare practices for culturally diverse clients, families, and communities.

NUR/HSC 4023 Health Care Finance – 3 credit hours (Fall, Spring, On demand)

This course focuses on the health of the community, including the holistic care of populations across the lifespan. Practice experiences are designed to complement the didactic content. Students will demonstrate knowledge, skills, and attitudes necessary for safe nursing care using evidence-based practice. Comprehensive health promotion, health maintenance and disease prevention are emphasized and include historical, economic, social, cultural, and political influences of population health. ASN or BSN course elective.

NUR 4123/NUR 5123 Information Systems – 3 hours (On demand)

This course is an advanced course that combines knowledge of computer science, information systems, and nursing science to assist in the management and processing of nursing data, information, knowledge, and wisdom to support nursing practice and improve the delivery of nursing care. Students will learn how information systems design and selection, health care decision support, and clinical guidelines impact the delivery of health care. Students will explore a comprehensive approach to system selection, evaluation, and implementation, project management, and regulatory policies that impact health care. Prerequisites: NUR 3563. Minimum GPA 3.0, Final year of RN-BSN courses.

NUR/NRS/HSC 4333 Research and Evidence Based Practice – 3 hours (Fall, Spring, On demand)

This course introduces students to the elementary components of the research process and the application of research to professional practice including the retrieval of relevant literature and critical appraisal. An emphasis is placed on the combined use of literature, clinical judgment, interprofessional perspectives, and patient preferences to guide practice decisions. Legal and ethical conduct for health care professionals involved in research and quality improvement involving diverse populations are examined. The role of theory in the research process with contribution to the development of health care knowledge is explored. ASR or BSHS course elective.

NUR/NRS 4404 Community Health – 4 hours (3 hours didactic, 1 hour practice experience) (Fall, Spring)

This course focuses on the health of the community, including the holistic care of populations across the lifespan. Practice experiences are designed to complement the didactic content. Students will demonstrate knowledge, skills, and attitudes necessary for safe nursing care using evidence-based practice. Comprehensive health promotion, health maintenance and disease prevention are emphasized and include the historical, economic, social, cultural, and political influences of population health. Current RN license for RN-BSN students only.

NUR/NRS/HSC 4434 Administration and Leadership – 4 hours (Fall, Spring, On demand)

This course prepares students to provide high quality patient care exploring principles of organizational and systems leadership, including quality improvement, and safety through practice experiences. The course incorporates knowledge and communication strategies within interprofessional teams, care coordination, delegation, and developing conflict resolution strategies to be effective leaders and administrators in a complex and dynamic health care setting. Management theories and concepts are emphasized. Professional issues related to work-life balance, healthy work environments, and resource assistance in building a nursing career are also considered. Curriculum lab fee: \$25.

NUR 4442 Capstone – 2 hours (Fall, Spring)

This course provides an exploration and synthesis of nursing knowledge learned throughout the RN-BSN program. Assignments include direct and indirect measurements of the RN-BSN student learning program level outcomes. Students will reflect on and evaluate their achievement of the RN-BSN student learning program level outcomes. Current RN license required. This class is limited to students who are enrolled in the final semester of senior year and intend to graduate at the end of this semester. Curriculum lab fee: \$175.

NUR/HSC 445(1-4) Special Topics in Nursing – 1-4 hours (On demand)

A study of topics from one or more fields chosen to meet students' special and/or advanced needs and

interests. Potential topics include alternative modes of care delivery, nurse entrepreneurship, and nursing specialties such as staff development nursing and critical care nursing. ASN, BSHS, or BSN course elective.

NUR 4533/ NUR 5533 Statistics and Data Analysis for Nursing – 3 hours (On demand)

This course examines the analysis and application of statistical methods in the interpretation of biological data. The uses of descriptive and inferential statistics are included with an emphasis on advanced understanding of evidence-based research using chi-square, t-test, multiple regression, correlation, ANOVA/MANOVA, power analysis, factor analysis, and select non-parametric tests. The course focuses on the ability of the student to critically read and understand nursing research.

Prerequisite: Minimum GPA 3.0, Final year of RN-BSN courses, BEH 2243

NUR/HSC 499(1-3) Independent Studies – 1-3 hours (On demand)

Student-proposed topics in nursing practice, education or research which are approved by faculty and division head for independent study. ASN, ASR, BSHS, or BSN course elective.

Physical Science

PHS 1001 Introduction to Physical Science Lab – 1 hour (Spring, Summer)

A laboratory course accompanying PHS 1003. An integrated study of selected basic principles and concepts of chemistry and physics, including topics of current interest. Designed for the general student. One laboratory period per week. Lab fee \$48. Corequisite: PHS 1003. Prerequisite: MAT 1243 or satisfactory scores on the math portion of the enhanced ACT examination or the Quantitative Reasoning section of the CLT.

PHS 1003 Introduction to Physical Science – 3 hours (Spring, Summer)

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. Prerequisite: MAT 1243 or satisfactory scores on the math portion of the enhanced ACT examination or the Quantitative Reasoning section of the CLT.

PHS 1111 Introduction to Earth Science Lab – 1 hour (Fall)

A laboratory class to accompany PHS 1113. 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. One laboratory period per week. Lab fee \$48. Corequisite: PHS 1113.

PHS 1113 Introduction to Earth Science – 3 hours (Fall)

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 per week.

PHS 2005 Physical Science for Elementary and Middle School Teachers – 5 hours (Spring)

A study of the basics of astronomy, chemistry, geology, meteorology, and physics. Designed to emphasize discovery-based learning and inquiry-related instructional techniques by significantly utilizing enhanced classroom technology, hands-on laboratory experimentation, library research, and writing components. Four lectures, one laboratory period each week. Lab fee \$60. Prerequisites: ENG 1113 and MAT 1243. *Note:* Open only to elementary and middle school education majors.

PHS 2214 Meteorology – 4 hours (On demand)

A study of the earth's atmosphere and forces that influence weather phenomena including environmental trends. Three lectures, one laboratory period per week. Lab fee \$48. Prerequisites: MAT 1243 or satisfactory scores on the math portion of the enhanced ACT examination or the Quantitative Reasoning section of the CLT.

PHS 2311 Astronomy Lab – 1 hour (Fall, On Demand)

A laboratory class accompanying PHS 2313. A study of the historical and descriptive aspects of the solar system, stars, galaxies and current topics related to space science. One laboratory period per week. Lab

fee \$48. Corequisite: PHS 2313. Prerequisites: MAT 1243 or satisfactory scores on the math portion of the enhanced ACT examination or the Quantitative Reasoning section of the CLT.

PHS 2313 Astronomy – 3 hours (Fall, On Demand)

A study of the historical and descriptive aspects of the solar system, stars, galaxies and current topics related to space science. Three lectures per week. Prerequisites: MAT 1243 or satisfactory scores on the math portion of the enhanced ACT examination or the Quantitative Reasoning section of the CLT.

PHS 295(1-5) Intensive Studies in the Physical Sciences – 1-5 hours (On demand)

Topics of special interest not available to the student in the traditional course offerings. May be repeated as topics change. Lab fee \$12-\$60 as necessary. Prerequisites: Determined by nature of topic studied.

PHS 3303 History and Philosophy of Science and Technology – 3 hours (Fall, even years)

A study of the historical and philosophical foundations of science and technology, accompanied by an examination of the logical and ethical ramifications of various past and present science and technology phenomena. Prerequisites: The general education life science requirement, the general education physical science requirement, and ENG 2213.

Physical Therapy

PTH 2523 Introduction to Physical Therapy – 45 clock hours (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 1111 General Physics I Lab – 1 hour (Fall, Summer)

A laboratory class accompanying PHY 1114. 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. One laboratory period each week. Lab fee \$80. Co-requisite: PHY 1114. Prerequisites: MAT 1243 or satisfactory scores on the math portion of the enhanced ACT examination or the Quantitative Reasoning section of the CLT.

PHY 1114 General Physics I – 4 hours (Fall, Summer)

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 each week. Prerequisites: MAT 1243 or satisfactory scores on the math portion of the enhanced ACT examination or the Quantitative Reasoning section of the CLT.

PHY 1121 General Physics II Lab – 1 hour (Spring, Summer)

A laboratory class accompanying PHY 1124. A continuation of PHY 1114, emphasizing the fundamental concepts of electricity, magnetism, and optics; introduction to atomic physics. One laboratory period each week. Lab fee \$80. Co-requisite: PHY 1124. Prerequisite: PHY 1114 and PHY 1111.

PHY 1124 General Physics II – 4 hours (Spring, Summer)

A continuation of PHY 1114, emphasizing the fundamental concepts of electricity, magnetism, and optics; introduction to atomic physics. Four lectures each week. Prerequisite: PHY 1114.

PHY 2211 University Physics I Lab – 1 hour (Fall)

A laboratory course accompanying PHY 2214. A rigorous calculus-based physics course emphasizing mechanics, heat and wave motion. Designed for pre-engineers, computer science and physical science majors. One laboratory period each week. Lab fee \$80. Co-requisite: PHY 2214. Prerequisite: MAT 1195 or

concurrent enrollment. *Note:* A student cannot receive credit for both PHY 1114 and 2214.

PHY 2214 University Physics I – 4 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 each week. Prerequisite: MAT 1195 or concurrent enrollment. *Note:* A student cannot receive credit for both PHY 1114 and 2214.

PHY 2221 University Physics II Lab – 1 hour (Spring)

A laboratory course accompanying PHY 2224. A continuation of PHY 2214, emphasizing electricity, magnetism and optics; introduction to atomic physics. One laboratory period each week. Lab fee \$80. Prerequisites: PHY 2214 and PHY 2211 and MAT 2255 or concurrent enrollment. *Note:* A student cannot receive credit for both PHY 1124 and 2224.

PHY 2224 University Physics II – 4 hours (Spring)

A continuation of PHY 2214, emphasizing electricity, magnetism and optics; introduction to atomic physics. Four lectures each week. Prerequisites: PHY 2214 and MAT 2255 or concurrent enrollment. *Note:* A student cannot receive credit for both PHY 1124 and 2224.

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 \$30-\$90 as necessary. Prerequisite: PHY 1124/PHY 1121 or PHY 2224/PHY 2221.

PHY 2314. Introduction to Engineering - 4 hours (Fall)

A survey of the different fields engineering including many tools, both software and hardware used by engineers in common practice, and a review of the history, standards and ethics expected of practicing engineers. Lab fee \$60. Prerequisites: PHY 2224/PHY 2221 or PHY 1124/PHY 1121, CIS 1033 and MAT 1195.

PHY 3231 Statics Laboratory – 1 hour (Spring)

Companion laboratory for PHY 3233. Theory components of PHY 3233 are explored through associated experimentation. Topics included are Impulse-Momentum theorem, the gravitational constant, static equilibrium, catenaries, moment of inertia and physical pendula, along with advanced physics laboratory techniques. One laboratory period each week. Lab fee: \$60. Prerequisite: PHY 3233 or concurrent enrollment.

PHY 3233 Statics – 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 2214/PHY 2211 and MAT 2255.

PHY/MAT 3263. Mathematics for Science & Engineering I - 3 hours (Spring)

A course in mathematical methods essential for the physical sciences and engineering including infinite series, complex variables, and differential equations. Three lectures per week. Prerequisites: MAT 2263 and PHY 2224/PHY 2221 or concurrent enrollment.

PHY 3321. Optics Laboratory - 1 hour (Fall even years)

Companion laboratory for PHY 3323. Theory components of PHY 3323 are explored through associated experimentation. Topics explored are lenses, mirrors, white-light sources, lasers, compound optics including prism and grating spectrometers and Michaelson interferometers, along with advanced physics laboratory techniques. One laboratory period each week. Lab fee: \$60. Prerequisite: PHY 3323 or concurrent enrollment.

PHY 3323. Optics - 3 hours (Fall even years)

A course emphasizing intermediate to advanced techniques in the study of geometrical optics, paraxial optics, Fraunhofer and Fresnel diffraction, interferometry, and other topics important to optics. Three lectures per week. Prerequisites: PHY 2224/PHY 2221 and PHY/MAT 3263.

PHY 3361 Modern Physics Laboratory – 1 hour (Spring even years)

Companion laboratory for PHY 3363. Theory components of PHY 3363 are explored through associated experimentation. Topics included are speed of light, the photoelectric effect, fundamental charge of an electron, Rydberg constant, crystal diffraction and radioactivity, along with advanced physics laboratory techniques. One laboratory period each week. Lab fee: \$60. Prerequisite: PHY 3363 or concurrent enrollment.

PHY 3363 Modern Physics I – 3 hours (Spring even years)

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 2224/PHY 2221 or PHY 1124/PHY 1121 and MAT 1195.

PHY/CIS 3412 Machine Organization – 2 hours (Fall, Spring)

A survey of the electronic and mechanical components of a computer, including processing units, memory and I/O devices. Also includes an introduction to assembly language programming. Lab fee \$12. Prerequisites: CIS 1154 and MAT 1173.

PHY 3464. Analog & Digital Electronics - 4 hours (Spring, odd years)

A survey of the different circuits and analysis techniques used in analog and digital electronics. Physical circuits and computer simulations will be analyzed, constructed and tested. Lab fee: \$100. Prerequisites: PHY 2224/PHY 2221 and PHY/MAT 3263.

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 \$30-\$120 if necessary. Prerequisites: Determined by nature and level of topics studied.

PHY 4233. Dynamics - 3 hours (Fall odd years)

Application of the principles of vector mechanics and calculus to problems in dynamics. Topics include mechanics of one and higher dimensions, motion of a system of particles, Lagrange's equations, theory of small vibrations, and other essential topics for pre-engineers and physics majors. Three lectures each week. Prerequisites: PHY 3233 and MAT 2263.

PHY/MAT 4263. Mathematics for Science & Engineering II - 3 hours (On demand)

A continuation of PHY/MAT 3263, this course includes special functions, groups and representations, partial differential equations, and other topics essential to engineering and the physical sciences. Three lectures each week. Prerequisite: PHY/MAT 3263.

PHY 4363. Modern Physics II - 3 hours (On demand)

A continuation of Modern Physics with a survey of quantum mechanics applied to atomic, molecular, solid state and nuclear physics. Three lectures each week. Prerequisites: PHY 3363 and PHY/MAT 3263.

PHY 4373. Quantum Mechanics - 3 hours (On demand)

A continuation of Modern Physics with an in-depth study of non-relativistic quantum mechanics. Solutions to the Schrodinger equation in one and three dimensions in multiple coordinate systems will be determined. Three lectures each week. Prerequisites: PHY 3363 and PHY/MAT 3263.

PHY 4411 Electricity and Magnetism Laboratory – 1 hour (Spring odd years)

Companion laboratory for PHY 4413. Theory components of PHY 4413 are explored through associated experimentation. Topics included are capacitance, Coulomb's Law, moving charged particles in electric and magnetic fields, Electron-Spin Resonance and the electrons charge to mass ratio, along with advanced physics laboratory techniques. One laboratory period each week. Lab fee: \$60. Prerequisite: PHY 4413 or concurrent enrollment.

PHY 4413 Electricity and Magnetism I – 3 hours (Spring odd years)

A course emphasizing vector calculus techniques in the study of electrostatics, electric fields, magnetostatics, magnetic fields and electrodynamics. Three lectures per week. Prerequisites: PHY 2224/PHY 2221 and PHY/MAT 3263.

PHY 4423. Electricity and Magnetism II - 3 hours (On demand)

A course emphasizing vector calculus techniques in the study electromagnetic radiation, electrodynamics, and special relativity. Three lectures per week. Prerequisites: PHY 4413.

Political Science

POL/HON 1013 Honors American Government and Politics – 3 hours (Fall, odd years)

This course surveys the origin, organization, and policy of United States government at the national, state, and local levels and encourages citizen participation and leadership in democratic processes beginning at the community level. Fulfills the Missouri statutory requirement. Prerequisite: A minimum composite ACT of 28, or an SAT of 1300, or a CLT score of 86.

POL 1111 Missouri Constitution – 1 hour (OLIS course only)

Organization and policy of Missouri State government as established by the Missouri State Constitution. Course promotes familiarity and understanding of Missouri government and its influence on the citizens of the state. This course is designed to meet the state statute requirement for the Missouri Constitution for students transferring with a course equivalent to POL 1113 from an institution outside of the state of Missouri. Course fee \$50 in lieu of OLIS course tuition and fees.

POL 1113 American Government and Politics – 3 hours (Fall, Spring)

Origin, organization and policy of United States government at the national, state and local levels. Encourages citizen participation and leadership in democratic processes beginning at the community level. Fulfills the Missouri statutory requirement.

POL 210(1-2) Pre-Law Seminar – 1-2 hours (Spring)

A career oriented course which identifies the major fields of law; also includes a study of the requirements for admission to law school with emphasis on the types of Law School Admission Test questions.

POL 2223 American State and Local Government – 3 hours (Spring)

Organization, administration and problems of state, county, municipal and other local governments in the United States. Prerequisite: POL/HON 1013 or POL 1113.

POL 295(2-3) Special Topics in Political Science – 2-3 hours (Fall, Spring)

A course 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: POL/HON1013 or POL 1113.

POL 3313 International Relations – 3 hours (Spring, odd years)

An in-depth study of relations among the nations of the world and the problems which arise with their constantly increasing interactions. Prerequisite: POL/HON 1013 or POL 1113.

POL 3323 Comparative Government – 3 hours (Fall, odd years)

A comparison of different kinds of political systems in the various regions of the world. The U.S. style of democracy will be compared with parliamentary systems, middle eastern and African authoritarianism, socialist systems, Asian democracies and Latin American corporatism. Prerequisite: POL/HON 1013 or POL 1113.

POL 4003 Public Administration – 3 hours (Fall, even years)

Focuses on examination of the core activities of government that are performed for the most part by highly trained experts and specialized organizations. Emphasis is placed on the development and implementation of public policy. Prerequisite: POL/HON 1013 or POL 1113.

POL/HIS 4013 African History and Politics – 3 hours (Spring, odd years)

Explores the political and economic changes in African states and the issues of development since independence. Included in the study are the historical origins of the African state, the contemporary context of globalization, and the position of Africa in the world economic system. Prerequisite: POL/HON 1013 or POL 1113.

POL 4453 Congress and the Legislative Process – 3 hours (Spring, even years)

Major topics include: origin and powers of the United States Congress; relation of Congress to the other branches of government and to the public; leadership, partisanship, the committee system and policy making; comparison with the state legislatures. Prerequisite: POL/HON 1013 or POL 1113 or consent of instructor.

POL 4563 The Supreme Court and Constitutional Development – 3 hours (Fall, odd years)

Focuses on landmark Supreme Court decisions and judicial interpretations of the U.S. Constitution from the 1790's until the present; topics addressed include origins of the Constitution, powers of the three branches, separation of powers, regulation of commerce and individual rights based on the Bill of Rights. Prerequisite: POL/HON 1013 or POL 1113 or consent of the instructor.

POL 4673 The American Presidency – 3 hours (Fall, even years)

Explains the role of the President in the American Federal System. Focuses on relations with the public and the press, the Congress and the Courts, the bureaucracy and public policy. Prerequisite: POL/HON 1013 or POL 1113.

POL 4883 Political Philosophy – 3 hours (Spring, even years)

A study of the political themes in the classical philosophies from Platonism to Marxism in comparison with biblical teachings on the same themes. Major topics addressed include: the nature of man, the ideal form of governments, the citizen's responsibility to the government, the government's responsibility to the citizen, the definition of liberty and the nature of human rights. Prerequisites: POL/HON 1013 or POL 1113 and 60 or more hours of credit.

POL 495(1-4) Intensive Studies in Political Science – 1-4 hours (On demand)

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 division.

POL 499(1-3) Independent Studies – 1-3 hours (On demand)

Advanced studies of specific topics. Prerequisites: 15 hours of political science and 60+ hours of credit.

Psychology

PSY 1013 General Psychology – 3 hours (Fall, Spring, On demand)

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 3023 Mental Hygiene: Psychology Applied to Life – 3 hours (Fall)

A psychology of adjustment course focusing on areas affecting mental health (i.e., stress, personality, forgiveness, faith, interpersonal skills, life experiences). Emphasis on personal growth through self-examination and community. Prerequisite: 32 hours completed.

PSY 2033 Social Engineering – 3 hours (Spring Odd Years)

Human behavior relating to cyber systems and operations, such as social engineering, social networks,

user experience, and organizational behavior. Lab fee \$12. Prerequisites: CIS 1163 and either PSY 1013 or SOC 1003.

PSY 2063 Systems of Psychology – 3 hours (Fall, Spring)

Major concepts of various systems of psychological thought in current and historical perspective. Prerequisite: PSY 1013.

PSY 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 3003 Human Sexuality – 3 hours (Fall)

A course designed to provide the student with frank, factual information about the many aspects of sex; to help enable the student to see sex as a natural, integral, God-ordained component of marriage; and to dispel common myths and misconceptions about sex. Prerequisite: 64 hours completed.

PSY 3013 Relationships – 3 hours (On Demand)

Theory and research practically applied to relationships, including family, friends, romantic, and spiritual relationships. Includes an examination of function and dysfunction in relationships. An emphasis on developing healthy relational practices, communication, and skills in relating well to others.

PSY 3033 Abnormal Psychology – 3 hours (Fall, Spring)

An introductory study of psychopathology using an integrative approach to discuss etiology, symptoms, and treatment issues for major disorders as described in the most recent Diagnostic and Statistical Manual of Mental Disorders, along with a brief discussion of research, ethics, and involuntary commitment issues. Prerequisite: PSY 1013.

PSY 3063 Human Growth and Development – 3 hours (Fall, Spring, Summer, On demand)

A study of human growth and developmental processes including physical, cognitive, and socioemotional development from conception through old age, as well as a brief discussion concerning death and bereavement. Students receiving credit for this course cannot receive credit for both PSY 3053 and PSY 4033 in the psychology major. Prerequisite: PSY 1013 or EDU 2113.

PSY 3083 Neurodevelopmental Disorders – 3 hours (Spring, odd years)

Definition, diagnosis, classification, perceptual and conceptual evaluation. Includes Autism Spectrum Disorders, Intellectual Disability, ADHD, Communication disorders, and Conduct disorders. A multi-disciplinary approach to cognitive impairments. Prerequisites: PSY 1013 or SOC 1003.

PSY 310(1-3) Contemporary Issues in Psychology – 1-3 hours (On demand)

In depth course focusing on a series of contemporary issues in psychology. Students will practice critical thinking, reading, and writing skills on topics specific to psychology. Prerequisites: PSY 1013 or SOC 1003 and 64 hours completed.

PSY 3313 Introduction to Counseling – 3 hours (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 or 64 hours completed.

PSY 3393 Introduction to Sports Psychology – 3 hours (Spring)

An introduction to the field of sports psychology and performance enhancement. This course will cover sport and exercise psychology as well as techniques used in the field. This course will prepare the student for any graduate program that is in the area of sports psychology. Prerequisites: PSY 1013.

PSY 4023 The Psychology of Personality – 3 hours (On Demand)

A survey and analysis of major theories of personality development including factors and conditions

relating to the structure and dynamics of personality. Prerequisite: PSY 2063.

PSY 4033 Adolescent Development – 3 hours (Spring, even years)

A study of the development processes of the adolescent, beginning at puberty and continuing through late adolescence. Prerequisite: PSY 1013 or EDU 2113.

PSY 4083 Psychology of Religion – 3 hours (On demand)

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 Behavioral Analysis – 3 hours (Fall, odd years)

The rationale and theoretical basis of behavior analysis and modification and its use in a clinical setting. Specific principles and techniques will be discussed. Specific principles and techniques will be discussed. Prerequisites: PSY 2063.

PSY 4153 Child Development – 3 hours (Spring odd years)

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

PSY 4223 Psychological Testing – 3 hours (On demand)

Survey of the field of psychological testing with emphasis on types of tests, validity and reliability. Prerequisites: PSY 2063 and BEH 2243.

PSY 4243 Pre-Marital Counseling – 3 hours (On Demand)

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 brain and nervous system, neuropsychological methods, sensation, emotional responses, learning, memory and psychopathology will be covered. Prerequisites: PSY 2063 and BIO 1003, BIO 1001 or BIO 1114.

PSY 4273 Small Group – 3 hours (On demand)

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)

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 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 4373 Addictions – 3 hours (Fall)

A study of the effects of drugs on the human being, issues of physiology, psychology, sociology and religion will be addressed as they relate to chemical dependency. An overview of treatment methods and therapy will be included. Prerequisite: 64 hours completed.

PSY 4883 Advanced Counseling Methods and Practice – 3 hours (Spring)

A course designed to give the advanced counseling minor practice in role-play counseling situations

involving the initial interview, analysis of data, written summaries, diagnosis and critique of same. This class will involve videotaping of the role-play sessions. Prerequisite: Minimum of a C in PSY 4313.

PSY 495(1-4) Intensive Studies – 1-4 hours (On demand)

A study of critical issues in psychology that are not covered in other course offerings. Areas of study will vary from year to year. Students may elect to repeat the course. Prerequisite: 64 hours completed.

PSY 498(3-6) Internship – 3-6 hours (Fall, Spring, Summer, May Term 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 division head.

Radiography

RAD 1002 Clinical Education I – 2 hours (clinical only) (Fall, 8-Weeks)

Clinical experiences under the supervision of registered Radiologic Technologists. Students' progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will employ patient care and communication skills. Prerequisite: RAD 1103. Course fee: \$ 300.

RAD 1003 Clinical Education II – 3 hours (clinical only) (Spring)

This is a continuation of Clinical Education I. Clinical experiences under the supervision of registered Radiologic Technologists. Students' progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will employ patient care and communication skills. Prerequisite: RAD 1002. Course fee: \$300.

RAD 1103 Introduction to Radiologic Technology – 3 hours (didactic only) (Fall, 8-weeks)

An overview of the radiology profession and health care environment, radiography program policies, basic radiation protection, introduction to imaging, medical ethics and law, and methods of patient care. Attendance of hospital orientation and basic life support (BLS) certification are required. Course Fee: \$150

RAD 1305 Radiographic Procedures I – 5 hours (3 hours didactic, 2 hours lab) (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. Lab fee: \$150. Prerequisites: BIO 2204, BIO 3304.

RAD 1504 Radiologic Science – 4 hours (didactic only) (Fall)

A study of the fundamentals of atomic theory, basic electricity and x-ray circuitry, structure and function of x-ray tubes, the production and emission of x-radiation. Prerequisites: MAT 1143 or MAT 1243.

RAD 1604 Radiographic Procedures II – 4 hours (3 hours didactic, 1 hour lab) (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. Lab fee: \$150. Prerequisites: RAD 1305.

RAD 1803 Radiographic Imaging I – 3 hours (didactic only) (Spring)

A study of radiographic image qualities and the factors that produce the image. Methods of improving image quality and image analysis are included. Prerequisites: RAD 1103, RAD 1504.

RAD 2010 New Student Orientation – 0 hours (Fall)

This is a no credit course that outlines the learning management system, technological systems, student resources, and institutional processes. This course is designed to familiarize students with the college's academic expectations, available student support services, and institutional processes during the first semester to promote student success in the nursing program. All students are required to register and participate in the orientation course.

RAD 2201 Contrast Agents – 1 hour (didactic only) (Fall, 8-weeks)

Course involves study of contrast agents and pharmacology, including types, uses, patient reactions, and emergency treatment for reactions. The basic techniques of venipuncture are included. Course Fee: \$150
Prerequisites: CHE 1103/CHE 1101, CHE 1114/CHE 1111, or PHY 1114, and RAD 1504.

RAD 2203 Clinical Education III – 3 hours (clinical only) (Summer)

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. Prerequisite: RAD 1003. Course fee: \$300.

RAD 2213 Clinical Education IV – 3 hours (clinical only) (Fall)

This is a continuation of Clinical Education III. Clinical experiences under the supervision of registered Radiologic Technologists. Students' progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will employ patient care and communication skills. Prerequisite: RAD 2203. Course fee: \$300.

RAD 2223 Clinical Education V – 3 hours (clinical only) (Spring)

This is a continuation of Clinical Education IV. Clinical experiences under the supervision of registered Radiologic Technologists. Students' progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will employ patient care and communication skills. Prerequisite: RAD 2213. Course fee: \$300.

RAD 2612 Radiographic Procedures III – 2 hours (didactic only) (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. Lab fee: \$100. Prerequisites: RAD 1604.

RAD 2812 Radiographic Imaging II – 2 hours (didactic only) (Fall)

A study of digital imaging radiography systems including an overview of digital imaging, computed radiography, digital radiography, digital fluoroscopy, networking, and PACS systems. Includes image analysis. Also includes conventional fluoroscopy and Introduction to Quality Management. Prerequisites: RAD 1504 and RAD 1803.

RAD 2902 Radiation Protection & Biology – 2 hours (didactic only) (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 1003/CHE 1001, RAD 1504, and RAD 1803.

RAD 2911 Advanced Modalities – 1 hour (didactic only) (Spring, 8-weeks)

A study of advanced radiologic imaging modalities including Computed Tomography, Magnetic Resonance Imaging, and Ultrasonography. Prerequisites: RAD 2612.

RAD 2921 Career Development – 1 hour (didactic only) (Spring, 8-weeks)

Students will prepare for employment through development of interview skills and creation of resumes. Prerequisites: RAD 2612.

RAD 2922 Radiologic Pathology – 2 hours (didactic only) (Spring, 8-weeks)

Introduction to pathology including etiology and process of human trauma and disease according to body systems. Emphasis on radiographic appearance of diseases and adjustments to radiographic technique for disease processes. Prerequisites: BIO 2204, BIO 3304, RAD 2612.

RAD 2931 Cross-Sectional Anatomy – 1 hour (didactic only) (Spring, 8-weeks)

An 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 1504, RAD 2612.

RAD 2944 Curriculum Review – 4 hours (didactic only) (Spring, 8-weeks)

A comprehensive review with an emphasis on test taking skills in preparation to sit for a credentialing examination. Prerequisites: RAD 2911, RAD 2921, RAD 2922, RAD 2931. Course Fee: \$200.

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, Spring)

Study from the biblical perspective of the unique nature of biology and its interaction with Christian thought. Working from the authority of the Scriptures and the conviction that Christianity is true, this course examines the history of biology, emphasizing the interactions of the life sciences with society in medicine, genetics and the environment. Prerequisite: General education requirement in life science.

SCF 3412 Chemistry Through the Eyes of Faith – 2 hours (Fall, odd years)

Study from the biblical perspective of the unique nature of chemistry and its interaction with Christian thought. Working from the authority of the Scriptures and the conviction that Christianity is true, this course examines the history of chemistry, emphasizing the interactions of chemistry with society in religion, medicine and the environment. Prerequisite: General education requirements in the physical sciences.

SCF 3422 Mathematics Through the Eyes of Faith – 2 hours (Fall, even years)

Study from the biblical perspective of the unique nature of mathematics and its interaction with Christian thought. Working from the authority of the Scriptures and the conviction that Christianity is true, this course examines the history of mathematics, emphasizing the interactions of mathematics with society and Christian thought. Prerequisite: General education requirements in mathematics.

SCF 3432 Physics Through the Eyes of Faith – 2 hours (Spring, even years)

Study from the biblical perspective of the unique nature of physics and its interaction with Christian thought. Working from the authority of the Scriptures and the conviction that Christianity is true, this course examines the history of physics, emphasizing the interactions of the physics and astronomy with society and religious thought. Prerequisite: General education requirements in physical science.

Social Work

SWK 2001 Writing for the Social Work Profession – 1 hours (Fall, Spring)

This course is designed to introduce writing based upon the Publication Manual of the American Psychological Association Style Book. Documentation, court reports, professional correspondence and note-taking will also be covered.

SWK 2003 Introduction to Social Work – 3 hours (Fall, on demand)

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 295(1-3) Special Topics – 1-3 hours (On demand)

Study of critical issues and topics in social work not covered in other course offerings. Areas of study will vary from year to year. Students may repeat this course once.

SWK 3043 Social Work with Diverse Populations – 3 hours (Spring)

In this course, students explore a deeper understanding of oppression, marginalization, discrimination, and racism, including intersectionality, preparing students to work with diverse groups in local and global settings. Identifying and developing skills for culturally sensitive social work generalist practice will be emphasized in this course. Prerequisite: 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, with an emphasis on micro social work practice. Prerequisite: SWK 2003 and admission to the BSW program or a declared social work minor. Program fee \$250.

SWK 3111 Social Work Practice 1: Helping Skills Lab – 1 hour (Fall)

Application of fundamental knowledge and skills as introduced. To be taken concurrently with SWK 3113 Social Work Practice I: Helping Skills. Prerequisite: SWK 2003 and admission to the BSW program or a declared social work minor.

SWK 3133 Social Work Practice II: 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 mezzo social work and practice with groups and families. Prerequisite: SWK 3113 and admission to the BSW program or a declared social work minor.

SWK 4012 Understanding the Impact of Psychological Trauma 2 hours (Spring)

An examination of the neurological, physiological, behavioral and social impacts of trauma on the individual and a review of treatment modalities and best practices in providing trauma informed care. Prerequisite: SOC 1003 or PSY 1013.

SWK 4093 Social Problems and Social Policy 3 hours (Fall)

This course introduces students to social problems which are addressed by social welfare policies. The course will describe the history of tackling the problems from the twin perspectives of Social Work and Sociology. Students will apply a policy analysis framework to determine the rudimentary elements of, strengths and limitations of certain social welfare policies while considering how to best address these limitations. Students will also learn how social workers and sociologists have impacted the development of social welfare policies historically and how they can impact policy development today. Prerequisite: SOC 1003.

SWK 4143 Social Work Practice III: Communities & Organizations – 3 hours (Fall) 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 macro social work and practice with communities and organizations. Prerequisite: SWK 3113 and admission to the

BSW program or a declared social work minor.

SWK 4253 BSW Seminar and Practicum I – 3 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 150 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 and clearance from the Director of Field Education to begin field experience.

SWK 4269 BSW Seminar and Practicum II – 9 hours (Spring)

This is the second of two seminar and practicum courses designed to assist students to discuss and evaluate their fieldwork experiences. The course will facilitate and reinforce the application of social work values, ethics, knowledge, and skills in field settings. Students will complete 350 hours in their field placement as part of this course. Program fee \$400. Prerequisite: Admission to the BSW program, completion of SWK 3113, SWK 3123, SWK 3133, and SWK 4256 with a minimum of a “C” in each course and clearance from the Director of Field Education to continue field experience.

Sociology

SOC 1003 Introductory Sociology – 3 hour (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 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 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 3003 The Family – 3 hours (On demand)

Course is an examination of the social impact of marriage and the family. It is a study of family life, dating, marriage and the family life-course. An analysis of traditional and modern familial roles, patterns, and relationship is included. Prerequisite: 32 hours completed.

SOC 3143 Sociology of Diverse Groups 3 hours (On demand)

Provides an overview of majority/minority relations within the United States. Minority groups may be defined by categories of race, ethnicity, religion and gender. Prerequisite: SOC 1003.

SOC 3253 Child Abuse and Family Violence 3 hours (Fall)

This course examines the issues of violence in the family, child abuse and child neglect and the various implications in the treatment and society’s response. Applications of the law in the State of Missouri will also be addressed.

SOC 4033 Criminology – 3 hours (Fall, odd years)

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 4053 Death and Dying – 3 hours (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 4073 Sociology of Religion – 3 hours (On demand)

A study of the social and cultural influences on religion in the American and global society. Prerequisite: SOC 1003.

SOC 4083 Gerontology – 3 hours (On demand)

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 4093 Social Problems and Social Policy 3 hours (Spring)

This course introduces students to social problems which are addressed by social welfare policies. The course will describe the history of tackling the problems from the twin perspectives of Social Work and Sociology. Students will apply a policy analysis framework to determine the rudimentary elements of, strengths and limitations of certain social welfare policies while considering how to best address these limitations. Students will also learn how social workers and sociologists have impacted the development of social welfare policies historically and how they can impact policy development today. Prerequisite: SOC 1003.

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 4083 Gerontology, 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 division head.

Spanish

SPA 1114 Elementary Spanish I – 4 hours (Fall)

Pronunciation, grammar, reading of simple prose, aural-oral practice.

SPA 1124 Elementary Spanish II – 4 hours (Spring)

Continuation of SPA 1114. Prerequisite: SPA 1114.

SPA 2213 Intermediate Spanish I – 3 hours (Fall)

Grammar review, simple composition and conversation, and the reading of short narratives. Prerequisite: SPA 1124 or satisfactory placement score.

SPA 2223 Intermediate Spanish II – 3 hours (Spring)

Continuation of SPA 2213 with emphasis on reading. Prerequisite: SPA 2213 or satisfactory placement score or two years of high school Spanish.

SPA 293(1-3) Special Reading in Spanish – 1-3 hours (On demand)

Readings on specific subjects. A theme will be chosen for study. (TBA with instructor). Prerequisite: SPA 2223.

SPA 295(1-4) Special Topics – 1-4 hours (On demand)

SPA 3313 Advanced Spanish Composition and Conversation – 3 hours (Fall, even years)

The writing of themes and practice in grammar, idioms and everyday conversation. Prerequisite: SPA 2223.

SPA 3323 Hispanic Culture and Civilization – 3 hours (Spring, odd years)

Spanish and Latin American civilization, customs and culture from its beginning to present times.

SPA 3333 Survey of Early Spanish Literature – 3 hours (Fall, odd years)

Spanish literature from the beginning to the eighteenth century. Prerequisite: SPA 3313 or 3323.

SPA 3343 Survey of Later Spanish Literature – 3 hours (Spring, even years)

Spanish literature from the eighteenth century to the present. Prerequisite: SPA 3313, 3323 or 3333.

SPA 495(1-4) Intensive Studies – 1-4 hours

SPA 497(1-3) Symposia – 1-3 hours

SPA 499(1-3) Independent Studies– 1-3 hours

Methods of Teaching Foreign Language

(See EDU 4563).

Spiritual Formation

SPF 2012 Introduction to Spiritual Formation – 2 hours (Fall, Spring)

An exploration of what it means to be a Christ-follower: biblically, historically, and in the contemporary context.

SPF 2022 Introduction to Spirituality – 2 hours (Fall, Spring)

An introduction to spirituality. The goal is to develop an appreciation for spirituality. Emphasis will be on the impact of spirituality in history particularly regard to Christianity as well as to the individual spiritual journey. Meets graduation requirements for Spiritual Formation.

SPF 2032 Spiritual Formation for Ministry – 2 hours (Fall, Spring)

This course provides formative spiritual development for those preparing for Christian service in the church and the world. It is required for majors in the Division of Theology and Ministry, and recommended for other students preparing for Christian Service. Meets graduation requirements for Spiritual Formation.

SPF 295(1-3) Special Topics in Spiritual Formation – 1-3 hours (On demand)

A focus on special topics in the field of spiritual formation.

SPF 495(1-4) Intensive Studies in Spiritual Formation – 1-4 hours

A focus on a special area of interest in the field of spiritual formation or missions. Topics will vary from year to year. (May be taken more than once).

Sport Management

SPM 1113 Introduction to Sport Management – 3 hours (Fall)

The course is designed to provide the student with the overview of a career in sport management including areas of professional endeavors which cover a wide variety of sport and fitness related occupations. The course will also provide an academic perspective of the professional preparation necessary to achieve employment in the profession.

SPM 2093—Athletic Event & Facility Management (Fall)

This course will emphasize the planning, design, and management of athletic events and facilities. Consideration will be given to the planning process, budgeting, sponsorship, marketing, promotion, staffing, logistics, and risk management of athletic events and facilities.

SPM 4023. Organization and Administration of Sport - 3 hours (Fall)

A course emphasizing the functions of management as they relate to the sport environment. Special

consideration is given to the areas within the planning, organizing, leading, and controlling functions of the sport manager's position. Prerequisite: 64 credit hours.

SPM 4033—Applied Sport Marketing (Spring)

This course is designed to provide students with an in-depth understanding of the application of marketing principles in the sport environment. Special consideration is given to sport marketing at the college and professional levels. Specific emphasis is placed on marketing strategy and research, market segmentation, sponsorships, event marketing, branding, and international marketing of sport products and services. Prerequisite: MKT 3023 Principles of Marketing.

SPM 4043—Legal & Ethical Issues in Sport (Fall)

This course will emphasize the broad study of legal and ethical issues occurring at all levels of sport. Consideration will be given to legal issues such as torts, risk management, discrimination, contracts, labor relations, as well as the ethical implications of each, as they relate to sport administrators, coaches, athletes, and spectators.

SPM 4986 Internship in Sport Management – 6 hours (Fall, Spring, Summer) A fulltime residency for on-the-job training under the supervision of a sport management professional. Includes observation, supervision, planning, instruction, direct leadership and evaluation. Minimum requirement-240 hours. Prerequisites: A minimum grade of "C" in all sport management courses; a minimum overall GPA of 2.00 in all course work taken at SBU prior to application for internship and prior to internship itself; restricted to Sport Management majors of senior standing; advanced application no later than September or February of preceding semester. Course fee \$100.

Theatre

THR 1023 Acting I – 3 hours (Fall)

Fundamentals of acting techniques.

THR/FAR 1033 Introduction to Theatre – 3 hours (Fall)

A study of the history and literature of the theatre with introductory participation in the areas of acting and stagecraft. Emphasis on reading and attending plays.

THR 1053 Stagecraft – 3 hours (Fall)

Basic principles of scenic construction, scenic painting, and lighting and sound techniques.

THR 2013 Script Analysis – 3 hours (Fall, odd years)

An investigation of dramatic structure and analysis from the perspective of the director, the actor, and the designer. This course is also designed to introduce students to several major plays in the history of dramatic literature.

THR 2031 Makeup – 1 hour (Spring)

Laboratory exercises in the basic fundamentals of stage makeup. Lab fee: \$75.

THR 2043 Introduction to Film – 3 hours (On demand)

An introduction to experiencing and understanding the cinematic arts. Upon successful completion, students will possess a conceptual framework and vocabulary that enhances their enjoyment of and ability to evaluate a film.

THR 3013 Stage Management – 3 hours (Spring, odd years)

A thorough analysis of the technical and organizational aspects of stage management. Emphasis on the stage manager's process, including an overview of general responsibilities and basic conflict resolution concepts.

THR 3033 Acting II – 3 hours (Spring, even years)

Advanced acting techniques. Emphasis on motivation, characterization and showmanship. Prerequisite: THR 1023.

THR 3053 Scene Design – 3 hours (Spring, even years)

Basic concepts of scene design for the stage. Exploration of scene design and the theatre, scene design as a visual art as well as technical production. Prerequisite: THR 1053 and THR 2013.

THR 3063 Costume Design – 3 hours (Spring, odd years)

A study of the costume design process: research, direction, and rendering of ideas. Emphasis on character analysis. This course also offers a basic exposure to costume construction techniques. Prerequisite: THR 2013. Lab fee: \$35.

THR/COM 3303 Oral Interpretation of Literature – 3 hours (Fall, even years)

Emphasis on theory and practice of communicating works of literature from the printed page. Prerequisite: COM 1103. Course Fee: \$10.

THR 4003 Lighting and Sound Design – 3 hours (Spring, odd years)

A study of the process of lighting and sound design. Emphasis on hands-on experience with lighting instruments, and lighting and sound systems. Prerequisite: THR 1053 and THR 2013.

THR 4013 Theatre Management – 3 hours (Spring, even years)

A study of the theory and practice of theatre management in areas of commercial, non-profit, college, and community theatre. Theory and practice of administration for non-profit and commercial theatres.

THR 4023 Directing of Plays – 3 hours (Fall, even years)

Principles of directing the various steps of a production, and practice in rehearsing and presenting plays. Prerequisite: THR 1023, THR 1033, THR 1053, and THR 2013.

THR 4033 American Theatre History – 3 hours (On demand)

A survey of the history of the American theatre, from the 18th century to the present.

THR 4043 Acting III – 3 hour (Spring, odd years)

Actors will learn to use their physical instrument through movement, vocal techniques, and non-realistic acting styles. Styles and techniques used in this class may include Grotowski, clowning, physical ensemble creation, mask work, Solo-Performance/Performance Ethnography, BodyWorks, Viewpoints, Alexander Technique, period movement styles, and others.

THR 4053 The Art and Craft of Playwriting – 3 hours (On demand)

A study and practicum of the art of playwriting. Emphasis on reading and writing plays.

THR 4203 The History and Literature of Theatre I – 3 hours (Fall, even years)

An overview of theatrical practices, innovations, and literature from 2000 BC through the 18th century. Emphasis will be placed on an examination of dramatic scripts, primary sources, and received historical narratives as a means for exploring the cultural significance of theatre and performance. Prerequisite: FAR/THR 1033.

THR 4213 The History and Literature of Theatre II – 3 hours (Spring, odd years)

An overview of theatrical practices, innovations, and literature from the 18th century through the present. Emphasis will be placed on an examination of dramatic scripts, primary sources, and received historical narratives as a means for exploring the cultural significance of theatre and performance. Prerequisite: FAR/THR 1033.

THR 4311 Senior Capstone – 1 hour (Fall)

Senior Capstone provides an intensive audition and/or portfolio development workshop for theatre majors. The course is meant to be taken during the Fall semester of the student's last year at SBU.

THR/ENG 4413 Shakespeare – 3 hours (Spring, odd years)

Tragedies, histories and comedies of Shakespeare. Prerequisite: Completion of the general education requirement in composition

THR 495(1-3) Intensive Studies – 1-3 hours (On demand)

THR 4963 Practicum – 3 hours (On demand)

A synthesis experience allowing the student the opportunity to direct or design and construct technical elements for a production of his or her choosing. Prerequisite: THR 1053 or THR 3033 and THR 4023.

THR 499(1-3) Independent Studies – 1-3 hours (Fall, Spring)

Advanced studies of specific topics arranged by division head.

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.

Methods of Teaching Theatre in the Middle and Secondary Schools

(See EDU 4502).

Methods of Teaching Speech in the Middle and Secondary Schools

(See EDU 4552).

Theology

THE 3023 Baptist Heritage – 3 hours (Spring)

Study of the history, beliefs and denominational programs of Baptists.

THE 3113 Christian Doctrine – 3 hours (Spring)

Analysis and interpretation of the major doctrines of the Christian religion.

THE 3773. Christian Heritage – 3 hours (Fall)

Survey of early medieval Christianity to the present.

THE 4003 Theological Method – 3 hours (On Demand)

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 (On Demand)

A survey of Christian understanding of God and humanity in their biblical, historical and contemporary expressions, including the Trinity, creation, providence, humanity in God's image, human nature and sin. Prerequisite: THE 3113.

THE 4043 Christ and Salvation – 3 hours (On Demand)

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 (On Demand)

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 (On Demand)

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 topics, there may be a fee.)

University Studies

UNI 0111 Cornerstone – 1 hour (Fall, Spring)

Cornerstone is designed to promote success in students who have demonstrated the need for additional support in their transition to SBU. Cornerstone encourages and cultivates academic and practical skills, connects students with academic assistance, and engages students in the SBU community.

UNI 1111 University Seminar – 1 hour (Fall, Spring, Summer)

This course is designed to acclimate students to college coursework by promoting processes that lead to success such as effective time management and research-based study strategies. Examining these processes provides an understanding of the individual student's strengths and weaknesses related to studying and learning. Additionally, the course acclimates students to SBU and SBU's mission while considering the relationship between an individual's values and goals and his or her academic performance and future direction. This course must be taken during the first semester a student attends SBU. Course fee: \$12.

UNI 1121 Introduction to Critical Thinking – 1 hour (Fall, Spring, Summer)

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.

UNI 211(0-1) Cornerstone Peer Leadership – 0-1 hour (Fall, Spring)

Cornerstone Peer Leadership develops leaders in the second-year and promotes achievement for first-year students through mentoring, networking, and skill building.

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Sciences

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Dean, College of Natural and Applied Sciences

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Robert W. Plaster College of Business

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Social Sciences.

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Woody/Gott and Meyer RD

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Admissions Data Management &
Communications Processor

Austin Bortle, M.A.
Assistant Football Coach

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Freida Brown
University Receptionist

Robbie L. Bryant
Director of Facilities

Rose Christian
Clinical Education Coordinator, Physical
Therapy

Robert Clardy, B.S.
Head Coach, Football

Zeke Clawson, B.S.
Associate Director of Safety and Security

Monica Cochran
Secretary, Division of Natural Sciences

Shawn Cook
Assistant Director of Facilities

Natasha Deschenes
Associate Director of Residence Life

Tesa Diggs
Receptionist, Springfield Campus

Brittany Dukes, B.S.
Assistant Women's Basketball Coach

Tammy Fellers
Admissions Data Management &
Communications Processor

Diana Gallamore, B.S.
Director, Center for Global Connections

Marketa Garrison
Logistics Coordinator, Center for Global
Connections

Gunnar Gilbertson
User Support Technician

Melody Glasgow, B.S.
Administrative Assistant to the Dean, College of
Professional Programs and Robert W. Plaster
College of Business

Mark Grabowski, M.A., M.S.
Director of Safety and Security

Angela Gries, B.S.
Physical Therapy Clinic Manager

Nicholle Harmon, M.B.A.
Associate Director of Graduate Admissions

Rebecca Harrill
Secretary, Credit and Collections

Aaron Hayes, B.S.W.
Undergraduate Admissions Counselor

Danella James
Financial Aid Coordinator/Branch Campuses

Kelsey Keizer, B.S.
Head Women's Basketball Coach

Amber Lewright, B.S.
Human Resources Director

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Assistant Director of Stewardship Services

Ian Martin, B.S.
Assistant Director of Undergraduate
Admissions

Amberly Martino
Secretary, Health Center

Brian McCarley, M.B.A.
Director, Springfield Campus

Beth McDaniel, M.S.
Associate Director of Admissions – Springfield
Campus

Corey McElhaney, M.A.
Head Coach, Cross Country/Track

Shae Miller
Director, Mountain View and Salem Campuses

Brian Netherton, B.S.
Administrative Computing Programmer/Analyst

Natalie O'Keefe, B.A.
Interim Director of Undergraduate Admissions

Paula Palmer, B.B.A.
Director of Admissions, Springfield Campus

McKenzie Peck, B.S. Admissions
Data Management &
Communications Coordinator

Faye Peters, Ed.S.
University Receptionist

Veronica Pohl, A.S.
Resource and Process Manager (CHP)

Danell Poisel, A.A.
Secretary, Division of Behavioral Sciences

Brian Purkaple, B.A.
Assistant Registrar of Transcripts

Roberta Rasor, M.S.
Registrar

Brooklyn Roderick, B.S.
Administrative Assistant to the Dean, College of
Professional Programs

Ashton Rogers, B.S.
Senior Undergraduate Admissions Counselor

Christina Ruiz, M.A.
Student Life Coordinator

Clark Sheehy, M.E.
Head Men's Basketball Coach

Phil Staback, B.A.
Assistant Football Coach

John Stillwagon, B.S.
Administrative Computing Support Specialist

Michael Stonestreet, A.S.
VA Certifying Official

Alexis Stout

Director of Student Activities

Reece Tabor, B.S.

Assistant Director of Undergraduate
Admissions

Tammy vanHoornbeek

Secretary, Division of Christian Ministry

Rocky Walker, B.A., B.S., M.A.

Resident Director

Chris Welch, Ed.S.

Associate Director of Admissions, Salem
Campus

LoriAnn Weldon, B.A.

Information Processing Coordinator (CHP)

Abby Wilken, B.A.

Assistant Director of Undergraduate
Admissions

Abby Yohn, B.S.

Administrative Assistant for the Center for
Global Connections

Julia Young

Associate Director of Graduate Admissions

Faculty

Date following title indicates year of appointment.

Shellie Austin

Director of University Libraries and
Archivist Instructor of Library
Services, 2022.
M.I.L.S., University of Missouri
B.S., Southwest Baptist University.

Cynthia Beasley

LRC Coordinator;
Instructor, ASN Program, 2007.
Diploma, St. John's School of Nursing;
B.S.N., Southwest Baptist University;
M.S.N., University of Phoenix.

Troy Bethards

Dean, College of Professional Programs;
Dean, Robert W. Plaster College of Business;
Professor of Business Administration, 2000.
Ruby Letsch-Roderique Chair of
Economics/Finance
B.S., Southwest Baptist University;
M.B.A., Southwest Missouri State University;
D.B.A., Anderson University.

Ashley Boles

Assistant Professor of Physical
Therapy, 2020.
B.S., Southwest Baptist University;
D.P.T., Southwest Baptist University.

Stephen Bowling

Professor of Mathematics, 2001.
B.S., John Brown University;
M.S., University of Arkansas;
Ph.D., University of Arkansas.

Tamara Boyd

Instructor of Nursing, Springfield Campus,
2019.
A.S.N., Southwest Baptist University;
B.S., Lewis-Clark State College;
B.S.N., Southwest Baptist University;
M.S.N., Southwest Baptist University.

Levi Bridge

M.B.A. Coordinator
Associate Professor of Business, 2014.
B.S., Southwest Baptist University;
M.B.A., Southwest Baptist University;
D.B.A., Liberty University.

Terri Briggs

Instructor of Nursing, Springfield Campus,
2010.
A.S.N., B.S.N., Missouri Southern State College
M.S.N., University of Missouri-Kansas City.

Angela Brown-Peterson

Associate Professor of Business, 2008.
Elaine Simpson Chair of Business
Administration.
B.S., Southwest Baptist University;
M.B.A., Southwest Baptist University;
D.B.A., Northcentral University.

Julie Bryant

Professor of Education, 2002.
Lewis E. Schollian Chair of Education
B.S., Southwest Baptist University;
M.Ed., University of Missouri Columbia;
Ed.D., Liberty University.

Kimberly Burks

Assistant Professor of Nursing, Springfield
Campus, 2018.
A.S.N., Cox College of Nursing and Health
Sciences;
B.S.N., Cox College of Nursing and Health
Sciences;
M.S.N., Western Governors University;
D.N.P., Regis University.

Kristi Burks

Assistant Professor of Nursing, Springfield
Campus, 2018.
A.S.N., Cox College of Nursing and Health
Sciences;
B.S.N., Cox College of Nursing and Health
Sciences;
M.S.N., Western Governors University;
D.N.P., Regis University.

James F. Cain, III

Professor of Computing, 1999.
B.S., M.S., University of Missouri-Rolla;
Ph.D., Oklahoma State University;
CISSP, International Information Systems
Security Certification Consortium.

Chadd Caldwell

Associate Professor of Art, 2017.
B.A., Millersville University;
M.A., Lancaster Bible College;
M.F.A., American University.

Kati Clancy

Instructor of Nursing, Springfield
Campus, 2014.
A.S.N., Southwest Baptist
University; B.S.N., Southwest
Baptist University; M.S.N.,
Southwest Baptist University.

Grant Douglas Cochran

Assistant Professor of Art, 2007.
B.S., Southwest Baptist University;
M.F.A., Liberty University.

Katelyn Collins

Assistant Professor of Physical
Therapy, 2023.
B.A., Ouachita Baptist University;
D.P.T., Southwest Baptist University;
Certified Neurologic Clinical Specialist, ABPTS;
Neuro-Development Technique
(NDT) Certified.

Meilani Conley

Assistant Professor of Computing, 2013.
B.S. Southwest Baptist University;
M.S. University of Phoenix.

Taylor Corlee

Instructor of Communication, 2021.
B.S. Missouri State University;
M.A. Missouri State University.

Isaac Corn

Assistant Professor of Chemistry, 2022.
B.S. Southern Illinois University, Edwardsville
Ph.D. Purdue University.

Terry Cox

Professor of Physical Therapy, 2010.
B.S.Ed., Central Missouri State
University; B.H.S., University of
Missouri-Columbia; D.P.T., Regis
University;

Certified Orthopedic Clinical Specialist, ABPTS;
Fellow, American Academy of Orthopedic
Manual Physical Therapists.

Heather Daulton

Instructor of Nursing, Bolivar Campus, 2008.
B.S.N., Missouri Southern State University;
M.S.N., Missouri State University.

Donald L. Denton, Jr.

Professor of Theology, 2003.
B.A., Southeastern Louisiana University;
M.Div., New Orleans Theological Seminary;
Ph.D., Fuller Theological Seminary.

Michael Dickerson

Instructor of Biology and Health Sciences, 2002.
A.A., Ozarks Technical Community College;
B.S., Southwest Baptist University;
M.S., Southwest Missouri State University.

Earl W. Duvall III (Bill)

Associate Professor of Psychology, 2015.
B.S., Frostburg State University;
M.A., Southwestern Baptist Theological
Seminary;
Th.M., New Orleans Baptist Theological
Seminary;
Ph.D., New Orleans Baptist Theological
Seminary.

Julie DuVall

Instructor of University Studies, 2018.
B.S., Frostburg State University;
M.A., Southwestern Baptist Theological
Seminary.

Jordan Edwards

Director, Dutile Honors Program
Assistant Professor of University Studies, 2021.
B.A., Southwest Baptist University;
M.Div., Southern Baptist Theological Seminary;
Ph.D., Southern Baptist Theological Seminary.

Craig S. Endres

Professor of Biology, 1993.
B.S., John Brown University;
M.S., University of Arkansas;
Ph.D., University of Wisconsin.

Alex T. Favazza, Jr.

Head, Division of The Arts
Assistant Professor of Music, 2022
BME Middle Tennessee State University
MM University of Southern Mississippi
PhD Florida State University.

Autumn Finley

Associate Professor of English,
2017. B.A., Missouri State
University; M.A., Pittsburg State
University; Ph.D., Oklahoma State
University.

Amber C. Fleer

Professor of Physical Therapy, 2008.
B.S., M.P.T., D.P.T., Southwest Baptist
University;
Certified Orthopedic Clinical Specialist,
ABPTS.

Benny Fong

Associate Professor of Education and Statistics,
2018.
B.S., California State University, East Bay;
M.S., California State University, East Bay;
Ed.D., Liberty University.

Shonna Fore

Career Services Director, 2020.
B.A., College of the Ozarks;
M.S., Southern New Hampshire University.

Kole Foster

Assistant Professor of Physical
Therapy, 2021.
B.S., Iowa State University;
D.P.T., Southwest Baptist University.

Jennifer Fox

Certification Officer and Coordinator of
Clinical Experiences;
Associate Professor of Education, 2012.
B.S., Southwest Baptist University;
M.A., Dominican University;
Ed.D., University of Missouri.

Levi Fox

Director of Institutional Effectiveness, 2012.
B.A., Southwest Baptist University;
M.S., Southwest Baptist University.

Amos Gichamba

Head, Division of Computing and Mathematics;
Associate Professor of Computing , 2019.
B.S. Computer Science, Africa Nazarene
University;
M.S. Information Technology, Strathmore
University;
Ph.D. Information Systems, University of
Nairobi.

Robert E. Glasgow

Professor of Mathematics, 1989.
B.S., Southwest Baptist University;
M.S., Pittsburg State University;
Ph.D., University of Missouri-Columbia.

Tami Glessner

Assistant Professor of Nursing, Springfield
Campus, 2017.
A.S.N., Southwest Baptist University;
B.S.N., Western Governors University;
M.S.N., Western Governors University;
D.N.P., Regis University.

Andrea Gramling

Instructor of Nursing, Springfield Campus,
2022.
B.S.N., University of Arkansas for Medical
Sciences;
M.S.N., Southwest Missouri State University.

Ryan C. Griffith

Associate Professor of Church History, 2023.
B.A., Wheaton College;
M.A., Wheaton College;
M.A., Bethlehem College & Seminary;
Ph.D., The Southern Baptist Theological
Seminary.

William Hafer

Assistant Professor/Director of the Social Work
Program, 2022.
B.S. Southwest Baptist University;
MSW, University of Missouri.

Jason Halverson

Assistant Professor of Kinesiology, 2003.
B.S., Indiana Wesleyan;
M.A., Western Michigan University.

Herb Hamann

Professor of Physical Therapy, 1983.
A.A., Wentworth Military Academy;
B.S., Missouri College;
B.S., Southwest Baptist University;
M.S., Central Missouri State University;
D.P.T., Creighton University.

Kristin Hamm

Assistant Professor of Accounting,
2017. B.S., Southwest Baptist
University; M.Acc., Missouri State
University; D.B.A., Anderson
University;
C.P.A., American Institute of Certified Public
Accountants.

Nicole Helsel

Clinical Coordinator, Instructor, 2019. B.S.R.S., Avilla University.

Brittney Hendrickson

Dean, College of Health Professions Assistant Professor of Nursing, Springfield Campus 2014. A.S.N., Southwest Baptist University; B.S.N., Southwest Baptist University; M.S.N., Southwest Baptist University; D.N.P., University of Missouri – Columbia.

John L. Hinsley

Associate Professor of Kinesiology, 2017 B. S., University of the Ozarks; M. S., Southwest Baptist University; Ed. S., Missouri State University; Ed.D. Southwest Baptist University.

Sarah Howes

Assistant Professor of Music, 2019. B.A., University of Minnesota, Morris; M.M., Eastman School of Music; D.M.A., University of Minnesota.

Douglas D. Hubbard

Cox School of Medical Technology, 1990. B.A., Drury College; M.T., Cox Medical Center.

Jacob Immel

Assistant Professor of Chemistry, 2023. B.S. Southwest Baptist University
M.S. University of Kansas
Ph.D. University of Kansas

T. J. John

Head, Division of Kinesiology;
Assistant Professor of Kinesiology, 2002. B.S., Fort Hays University;
M.A., Western Michigan University.

Kevin Jones

Professor of Physical Therapy, 2015. B.S.E., Central Missouri State University; B.H.S., University of Missouri-Columbia; D.P.T., Regis University;
Certified Orthopedic Clinical Specialist, ABPTS.

Melinda Smashey Jones

Professor of Music, 1998.
B.M., Southwest Baptist University;
M.M., D.M.A., University of Missouri-Kansas City.

Sarah Jones

Professor of Physical Therapy, 2015.
B.H.S., University of Missouri-Columbia;
D.P.T., Drexel University;
Certified Pediatric Clinical Specialist, ABPTS.

William Duke Jones

Professor of Christian Education, 2004.
B.A., Louisiana Tech University;
M.A., Ph.D., Southwestern Baptist Theological Seminary

Shelley Dean Kilpatrick

Head, Division of Behavioral Sciences
Professor of Psychology, 2003.
B.A., Baylor University;
M.A., Ph.D., University of North Carolina-Chapel Hill.

Jeffrey P. Kimball

Professor of Computing, 2005.
B.S., Southwest Baptist University;
M.S., Central Missouri State University;
Ph.D., Nova Southeastern.

Matthew T. Kimbrough

Associate Professor of Theology, 2020.
B.A., Southwest Baptist University;
M.A., New Orleans Baptist Theological Seminary;
Th.M., Midwestern Baptist Theological Seminary;
Ph.D., Midwestern Baptist Theological Seminary.

Ryder King

Instructor of Business, 2018.
B.S., Southwest Baptist University;
M.B.A., Southwest Baptist University.

Carla G. Kirchner

Head, Division of Humanities;
Associate Professor of English, 2002, 2004.
B.A., Southwest Baptist University;
M.A., Southwest Missouri State University.
M.F.A., Spalding University,
Ph.D., Bath Spa University (UK).

Rachel Kopsas

Assistant Professor of Nursing, Springfield Campus, 2016.
B.S.N., M.S.N., Missouri State University;
D.N.P., Regis University.

Joshua Layman

Head, Division of Physical Therapy; Professor of Physical Therapy, 2010. A.A., Ozarks Technical College; B.S., Missouri State University; M.P.T., Southwest Baptist University; D.P.T., Southwest Baptist University; Ph.D., Northcentral University. Certified Neurologic Clinical Specialist, ABPTS.

Charles E. Lentz, Jr.

Professor of Education, 1994. B.S., Southwest Baptist University; M.S., Ed.S., Southwest Missouri State University; Ph.D., University of Missouri-Columbia.

David Liu

Associate Professor of Business, 2020. B.S.B., Western Oregon University; M.B.A., Willamette University; D.B.A., City University of Hong Kong.

Baochuan Lu

Professor of Computing, 2008. B.S., Shandong University of Technology; M.S., Ph.D., University of Arkansas.

Lisa Lynch

Instructor of Nursing, Springfield Campus, 2022. A.A.S., Metropolitan Community College; B.S.N., Western Governors University; M.S.N., Western Governors University.

Prosperly B. Lyngdoh

Associate Professor of Intercultural Studies, 2015. B.Th., Union Biblical Seminary; M.A., Gordon-Conwell Theological Seminary; Ph.D., Southern Baptist Theological Seminary.

Kelly S. Malone

Director of Global Education; Professor of Intercultural Studies, 2007. Jack Stanton Chair of Evangelism B.A., Baylor University; M.Div., Ph.D., Southwestern Baptist Theological Seminary.

Tracy Manly

Professor of Accounting, 2023. B.B.A., Hardin-Simmons University; M.Acc., University of Arkansas; Ph.D., University of Arkansas; CPA, Certified Public Accountant

Kevin Marcum

Instructor of University Studies; Director of First-Year Experiences, 2014. B.S., Southwest Baptist University; M.S., Evangel University.

Connie R. Matheny

Professor of Physical Therapy, 1997. B.S., Southwest Baptist University; M.H.S., University of Indianapolis; Ph.D., University of Central Arkansas.

Renay McCarley

Head, Division of Prelicensure Nursing; Associate Professor of Nursing, Springfield, 2007. B.S.N., Harding University; M.S.N., University of Central Missouri; D.N.P., Case Western Reserve University.

Kate McDonald

Lab Assistant, Biology B.S. Southwest Baptist University M.S. Missouri State University

Shannon McKinzie

Assistant Professor of Nursing, Springfield Campus, 2007. A.S.N., Cox College of Nursing; B.S.N., Southwest Baptist University; M.S.N., University of Missouri-Kansas City; D.N.P., Chamberlain University.

Heather Mills

Instructor of Nursing, Bolivar Campus, 2023. A.S.N., Bolivar Technical College; B.S.N., Aspen University; M.S.N., Aspen University.

Scott H. Moats

Professor of Policy and Administration, 2023.
B.A., University of Nebraska-Kearney;
M.Div., Alliance Theological Seminary;
M.A., University of Minnesota;
M.Ed., University of Minnesota;
M.B.A., Crown College;
Ph.D., University of Minnesota;
Certificate of Ordination, CMA.

Scotti A. Moats

Assistant Provost
Assistant Professor of Mathematics
Assistant Professor of University Studies, 2022.
B.S., Bethel University;
M.S., Northern Arizona University
M.A., University of Minnesota
Ph.D., University of Minnesota

Scott Morrison

Associate Professor of Education, 2016.
B.S. Missouri State University;
M.S. Missouri State University;
Ed.S., Saint Louis University;
Ed.D., Saint Louis University.

Rachael Morrow

Instructor of Communication Arts, 2020.
B.S., Southwest Baptist University;
M.B.A., Southwest Baptist University.

John Murphy

Head, Division of Natural Sciences
Associate Professor of Biology, 2017.
B.S., Central Missouri State
University; M.S., South Dakota State
University; Ph.D., Kansas State
University.

Coyle Neal

Associate Professor of Political Science, 2013.
B.S., University of Wyoming;
M.A., Ph.D. The Catholic University of
America.

Kwasi Ofori-Yeboah

Professor of Political Science,
1997. B.A., University of Ghana;
M.A., Ph.D., Queen's University.

Kevin D. Patterson

Head, Division of Education;
Associate Professor of Education, 2018.
B.S., Southwest Baptist University;
M.Ed., Southwest Missouri State University;
Ed.S., Southwest Missouri State University;
Ed.D., Saint Louis University.

Kelly Paulie

Instructor of Nursing, Springfield Campus, 2017.
B.S. Northwest Missouri State University;
B.S.N., Cox College;
M.S.N, Missouri State University.

Leigha Pellegren

Instructor of Nursing, Springfield Campus, 2017.
A.S.N., St. John's College of Nursing;
B.S.N., Southwest Baptist University;
M.S.N., Southwest Baptist University.

David Quackenbos

Assistant Professor of Christian Ministry, 2021.
B.A. Duke University;
M.A. Old Dominion University;
M.A. Southeastern Baptist Theological
Seminary;
M.Div., Ph.D. Southeastern Baptist Theological
Seminary.

Matthew Rice

Coordinator of Criminal Justice Program and
Associate Professor of Criminal Justice, 2017.
B.S., Liberty University;
J.D., Regent University.

Philip A. Rohrer

Coordinator of Behavioral Sciences, Salem and
Mountain View Campuses;
Instructor of Psychology, 2015.
B.A., McPherson College;
M.Ed., Wichita State University;
Ed.S., Wichita State University.

Coleen Rose

Technical Services Librarian
Professor of Library Services, 1980.
B.A., Union College;
M.L.S., George Peabody College for Teachers

Tamara Samek

Associate Professor of Education, 2009. B.A.,
William Jewell College;
M.S., Southwest Baptist University;
Ed.D., Northcentral University.

Neoma Sanders

Social Work Field Education Director
and Associate Professor of Social Work,
2017. B.S., Southwest Baptist University;
M.S.W., Missouri State University.

Joseph A. Sartorius

Professor of Education, 2007.
B.S., M.A., Southwest Missouri State
University; Ed.S., Ph.D., St. Louis University.

Kevin J. Schriver

Professor of Psychology, 1989.
B.A., Southwest Baptist University;
M.S., Central Missouri State
University; Psy.D., Forest Institute of
Professional Psychology.

Elsy Shuford

Instructor of Spanish, 2018.
Diploma, Art Institute of Fort Lauderdale;
M.S., Missouri State University;
D.D.S., Central University of Venezuela.

Colleen Shuler

Assistant Professor of Education, 2015.
B.S., Southwest Baptist University;
M.S., Southwest Baptist University;
Ed.D., Evangel University.

Dennis Siegfried

Professor of Biology,
2010. B.A., Malone
College; M.Ed., Ashland
University;
Ph.D., University of Oklahoma.

James Sly

Assistant Professor of Physics, 2022
B.S. Missouri State University
M.S. Missouri State University
M.S. Missouri University of Science and
Technology

James O. Smith

Professor of History, 2001.
B.A., Southwest Baptist
University; M.A., University of
Utah;
Ph.D., University of Missouri-Columbia.

Fila J. Snider

Assistant Professor of Nursing, Springfield
Campus, 2007.
A.S.N., B.S.N., Southwest Baptist University;
M.S.N., Regis University;
D.N.P., Regis University.

Angela Snyder

Senior Director, Center for Teaching and
Learning;
Instructor of Business, 2013.
B.S., Missouri State University;
MSA, Southwest Baptist University.

Blair Stockton

Instructor of Nursing, Bolivar Campus 2017.
B.S.N., Missouri State University;
M.S.N., Southwest Baptist University.

Debbie Stoughton

Instructor of Nursing, Springfield Campus,
2020.
B.S.N., University of Phoenix.

Cindy Todd

Head, Division of Health Sciences and Post-
Licensure Nursing;
Assistant Professor of Nursing, Springfield
Campus 2012.
A.S.N., Southwest Baptist University;
B.S.N., Southwest Baptist University;
M.S.N., Southwest Baptist University;
D.N.P., University of Missouri – Columbia.

Marsha Trantham

Associate Professor of Physical Therapy, 2013.
B.S., Missouri State University;
M.S.P.T., Texas Women's University;
Ph.D., Northcentral University.

Philip Truscott

Associate Professor of Sociology, 2014.
M.A. University of Edinburgh; Ph.D.
University of Surrey.

Jenell Rene Wagner

Assistant Professor of Accounting, 2007. Ed
and Theo Clark Endowed Chair of
Accounting Excellence.
B.A., Southwest Baptist University;
M. Acc., Missouri State University;
C.M.A., Institute of Management Accountants;
C.P.A., American Institute of Certified Public
Accountants.

William E. Walkup

Assistant Professor of Psychology/Counselor,
1994.

B.A., Southwest Baptist University;
M.S., Texas Women's University.
Licensed Clinical Social Worker.

Terri L. Wehmeyer

Professor of Music, 2004.

B.M.E., Ouachita Baptist University;
M.M., Northwestern State University of
Louisiana;
M.M., University of Missouri-Kansas City;
D.M.A., University of Missouri-Kansas City.

Pamela J. Wharton

Assistant Professor of Psychology, 2021.
Coordinator of Counseling Services &
Counselor.

B.S. Southwest Baptist University;
M.A. Midwestern Baptist Theological Seminary.

Jena Whetstone

Associate Professor of Chemistry, 2011.
B.S., Truman State University;
Ph.D., University of Missouri-Columbia.

Gina Clarisse Whitehead

Instructor of Exercise Science, 2007.
B.S., University of Arkansas;
M.S., Indiana University.

Duane Widhalm

Coordinator, Educational Administration
Program
Associate Professor of Education,
2016. B.A., Central Methodist
University; M.S., Missouri State
University;
Ed.S., Missouri State University;
Ed.D., Arkansas State University.

Julie Wilken

Instructor of Nursing, BSN program,
2019. B.S.N., Cox College
M.S.N., Western Governors University

Brittney Wilson

Instructor of Nursing, Springfield Campus,
2022.
A.S.N., Southwest Baptist University;
B.S.N. Southwest Baptist University.

John W. Wilson

Assistant Professor of Music, 2022.
B.M., Southwest Baptist University;
M.S.E., University of Central Missouri.

Mike A. Wolhoy

Instructor of Athletic Training, 2006.
B.A., Graceland University;
M.S., University of Louisiana at Monroe.

Timothy L. Wood

Professor of History, 2004.
Roy Blunt Chair of History.
B.A., Indiana University-Southeast;
M.A., University of Louisville;
Ph.D., Marquette University.

Nathan Wright

Head, Division of Business;
Professor of Business, 2012.
B.A., Southwest Baptist University;
M.A., University of Detroit – Mercy;
J.D., University of Missouri-Columbia.

Jason Young

Coordinator, Associate of Science Radiology
Instructor, 2022.
A.S.R. Cox School of Diagnostic Imaging
B.S.H.S., Evangel University.

Sherri Young

Instructor of Nursing, Springfield Campus,
2012.
A.S.N., Missouri Southern State University;
B.S.N., Missouri Southern State University;
M.S.N., University of Missouri – Kansas City.
Cox School Of Medical Technology Faculty
Affiliate

Emeriti Faculty

Michael D. Arnold

Professor Emeritus of Education, 1998.
B.S., Central Missouri State University;
M.S., Central Missouri State University; Ed.S., Central Missouri State University; Ed.D., St. Louis University.

Sharla Bailey

Assistant Professor of Accounting, 1994. B.S., Southwest Baptist University; M.B.A., Oklahoma State University;
C.M.A., Institute of Management Accountants; C.P.A., American Institute of Certified Public Accountants;
C.G.M.A., American Institute of Certified Public Accountants/Chartered Institute of Management Accountants;
C.G.F.M., Association of Government Accountants.

Bing Boyd Bayer

Professor Emeritus of Old Testament and Hebrew, 1988.
B.S., Dallas Baptist University;
Th.M., Dallas Theological Seminary;
Ph.D., Southern Baptist Theological Seminary.

Cathy Beck

Professor Emeritus of Physical Therapy, 2002.
B.S., Oklahoma University;
M.S., Emory University;
Ph.D., Biola University.

Pearlene Breshears

Assistant Professor Emeritus of Psychology/Counselor, 1990.
B.S., Southwest Baptist College;
M.S., Southwest Missouri State University;
National Certified Counselor;
National Certified School Counselor;
Licensed Professional Counselor.

Richard L. Brewer

Professor Emeritus of Psychology, 1982.
B.A., Southwest Baptist College;
M.A., Wheaton Graduate School;
Psy.D., Forest Institute of Professional Psychology.
Licensed psychologist/Health Services Provider.

Kathy Brown

Professor Emeritus of Music, 1981.
B.M., B.M.E., Baylor University;
M.M., Indiana University;
D.M.A., University of Missouri-Kansas City.

Nancy C. Brown

Associate Professor Emeritus of Music, 1968.
B.M., M.M., Baylor University;
Additional study, University of Alabama, Samford University.

Rex Brown

Sr. Professor Emeritus of Health and Physical Education, 1969.
B.S.E., M.Ed., Ed.D., University of Arkansas;
Additional study, Michigan State University and Auburn University.

Sandra L. Brown

Associate Professor Emeritus of Library Services, 1979.
A.A., Santa Fe Community College;
B.A.A., University of Florida;
M.F.A., M.S.L.S., Florida State University.

William P. Brown

Provost and Sr. Professor Emeritus of Music, 1980.
B.M., Performer's Certificate, Baylor University;
M.M., D.M., Indiana University.

John A. Bryant

Associate Professor Emeritus of Mathematics, 1966.
A.A., Southwest Baptist College;
B.S., M.Ed., Mississippi College;
M.A., University of Illinois.

Judith C. Bryant

Professor Emeritus of Education, 1989. B.S., Mississippi College;
M.S., Southwest Missouri State University;
Ed.D., University of Missouri-Columbia.

Delta Cavern

Professor Emeritus of Education, 2004.
B.S., Oral Roberts University;
B.A., M.A., Ed.D., Boise State University.

B.E. Clark

Sr. Professor Emeritus of Accounting, 1966.
B.S., M.B.A., Ph.D., Louisiana State
University.

B. Wayne Clark

Assistant Professor Emeritus of Accounting,
1992.
B.S., University of Missouri-Columbia;
M.B.A., Missouri State University;
C.P.A., American Institute of Certified Public
Accountants.

Ronda Credille

Professor Emeritus of Business Administration,
1990.
B.S., Southwest Baptist College;
M.B.A., Drury College;
Ph.D., University of Nebraska.

Timothy H. DeClue

Professor Emeritus of Computing , 1985.
B.S., M.S., Northwest Missouri State
University; Ph.D., Southern Illinois
University-Carbondale.

Eldonna DeWeese

Assistant Professor Emeritus, University
Libraries, 1969-1982, 1991-2004.
A.A., Southwest Baptist College;
B.S. Ed., M.A., Southwest Missouri State
University;
M.L.S., Emporia State University.

Gordon Dutile

Provost Emeritus and Professor Emeritus of
Bible, 1980.
B.S., Louisiana Tech University;
M.Div., Ph.D., Southwestern Baptist
Theological Seminary.

Jim L. Frost

Professor Emeritus of Intercultural Studies,
1987.
B.A., Baylor University;
M.A., M.Div., Wheaton Graduate
School; Th.M., Fuller Theological
Seminary; D.Min., Southwestern
Baptist Theological Seminary.

Michael Fuhrman

Professor Emeritus of Pastoral Ministry, 1998.
B.A., Southwest Baptist College;
M.Div., Ph.D., Southern Baptist Theological
Seminary.

Debra Lynn Gamble

Instructor Emeritus of Sociology, 1992.
B.A., Southwest Baptist University;
M.A., Central Missouri State University.

Curtis D. Goss

Assistant Professor Emeritus of Spanish, 1994.
B.A., M.A., Texas Tech University;
Doctoral Study, Texas Tech University.

Wesley A. Gott

Associate Professor Emeritus of Art, 1975.
B.S., Southwest Missouri State University;
M.C.M., Southwestern Baptist Theological
Seminary;
M.F.A., George Washington University;
Additional study, Nova University.

Dorothy Hash

Professor Emeritus of Physical Therapy, 1994.
B.S.P.T., Washington University;
M.A., University of Southern California;
D.P.T., University of Southern California.

Dwight Haun

Professor Emeritus of Education, 1998. B.S.,
Southwest Baptist University;
M.S., Southwest Missouri State University; Ed.D.,
University of Missouri-Columbia.

Pamela S. Hedgpeth

Professor Emeritus of Education, 2008.
B.S., M.A., Ed.S., Missouri State University; Ed.D.,
University of Missouri-Columbia.

Holly Hill-Stanford

Dean, Geneva Casebolt College of Arts and
Sciences;
Professor Emeritus of English, 1997.
B.A., Drury College;
M.A., Iowa State University; Ph.D.,
University of Kansas.

Thomas D. Hollis

Professor Emeritus of Graduate Education, 1995.
B.S., Oklahoma State University;
M.S., Central State University; Ph.D.,
University of Oklahoma.

Kevin W. Hopkins

Professor Emeritus of Mathematics,
1989. B.A., Greenville College;
M.S., Ph.D., University of Illinois.

Brian K. Hopwood

Professor Emeritus of Music, 2006.
B.M.E., Oral Roberts University;
DIPFA, University of Calgary;
M.M.E., University of Colorado;
D.M.A., Arizona State University.

Carl F. Huser

Sr. Professor Emeritus of Biology, 1966.
A.A., Southwest Baptist College;
B.S., Southwest Missouri State University;
M.S., University of Minnesota;
Ph.D., University of Missouri.

J. Larry Jackson

Sr. Professor Emeritus of Recreation, 1974.
B.S., Lincoln University;
M.S., Ed.S., Ph.D., University of Missouri.

Janet M. Juhlin

Professor Emeritus of Education,
1995. B.A., Southwest Baptist
College;
M.S., Southwest Baptist University;
Ph.D., University of Missouri-
Columbia.

Ann Kitchin

Assistant Professor Emeritus of Library
Services, 1984.
B.A., William Carey College;
M.Ed., University of Southern
Mississippi; Ed.S., Mississippi State
University;
M.L.S., University of Southern Mississippi.

Robert W. Kitchin

Professor Emeritus of Chemistry and
Physics, 1984.
B.S., Ph.D., Mississippi State University.

Susan Kromrie

Associate Professor Emeritus of Library
Services, 2011.
A.A., State Fair Community College;
B.A., University of Wisconsin,
Madison;
M.A., Emphasis: Library Science,
University of Missouri-Columbia.

Billie R. Lang

Professor Emeritus of Biology, 1990.
B.S., Mississippi College;
M.S., Ph.D., University of Mississippi
Postdoctoral, Cornell University and University
of Texas

B.F. Little

Sr. Professor Emeritus of Chemistry, 1960.
B.A., Baylor University;
B.D., Southwestern Baptist Theological
Seminary;
M.Ed., Texas Wesleyan College;
M.S., Montana State University;
Ph.D., University of Missouri-Rolla.

Susan C. Lynch

Professor Emeritus of Business Administration,
1985.
B.A., Southwest Baptist College;
M.S.E., Central Missouri State University;
Ed.D., University of Arkansas.

Kelly Martin

Professor Emeritus of Criminal Justice, 2000. B.A.,
Drury College;
J.D., University of Missouri-Columbia.

Mary B. McFarland

Assistant Professor Emeritus of Nursing, 1986.
B.S., Texas Woman's University;
M.S.N., West Texas State University.

Beverly McNeal

Professor Emeritus of Physical Therapy,
2005. B.S., Baylor University;
M.S.P.T., Texas Women's University;
D.P.T., Southwest Baptist University;
Certified Geriatrics Clinical Specialist, ABPTS.

Evelyn Mercer

Assistant Professor Emeritus of Sociology, 1986.
B.A., Southwest Baptist College;
M.R.E., Southern Baptist Theological Seminary;
M.S.S.W., University of Louisville;
Licensed Clinical Social Worker; Academy
of Certified Social Workers.

Rodger Minatra

Associate Professor Emeritus of Business
Administration, 2004.
B.S., Arizona State University; M.A.,
University of Denver;
M.B.A., Southwest Baptist University; Ed.D.,
University of North Texas.

Eric D. Moore

Professor Emeritus of Education, 1975,
1981. B.A., Southwest Baptist College;
M.S., Central Missouri State University
(Clinical Audiology);
Ph.D., University of Missouri-Columbia.

Betty Jo Mulbery

Assistant Professor Emeritus of Religious
Education, 1987.
B.S., Northwestern State College;
M.R.E., Southwestern Baptist Theological
Seminary;
M.A., Sangamon State University.

Thomas E. Padgett

Sr. Professor Emeritus of English,
1963. A.A., Southwest Baptist
College;
B.A., Oklahoma Baptist University;
M.R.E., Southwestern Baptist
Theological Seminary;
M.A., University of Texas;
Ph.D., University of
Missouri.

Lynn E. Penticuff

Associate Professor Emeritus of Music,
1975. B.M.E., M.M., Central Missouri
State University.

Robert Wayne Perry

Professor Emeritus of Graduate
Education, 2003.
B.S. Ed, Southwest Missouri State University;
M.A., Truman State University;
Ed. S., University of Missouri-Columbia;
Ed.D., University of Mississippi.

Sarah Russback

Professor Emeritus of Education,
2000. B.S., Southwest Baptist
University;
M.S., Southwest Missouri State University;
S.C.C.T., Arkansas State University;
Ed.D., Arkansas State University.

Jimmy F. Sellars

Professor Emeritus of Education, 1994,
1997. B.S.E., University of Central
Arkansas; M.Div., D.Min., Southern
Baptist Theological Seminary;
Ed.D., Indiana University.

Joe B. Shelton

Sr. Professor Emeritus of Psychology, 1972.
A.A., Southwest Baptist College;
B.S., Southwest Missouri State University;
M.Ed., University of Missouri;
Ed.D., University of Arkansas.

John I. Smashey

Associate Professor Emeritus of Mathematics,
1965.
A.A., Southwest Baptist College;
B.S., in Education, Southwest Missouri State
University;
M.A., University of Illinois.

Twila M.W. Smith

Professor Emeritus of Education, 1967.
B.A., M.Ed., Howard Payne College;
Ph.D., University of Texas;
Additional study, Webster University.

Rosalyn Snellen

Sr. Professor Emeritus of Biology, 1978.
B.A., Southwest Baptist College; Ph.D.,
North Texas State University.

Ken Spurgeon

Assistant Professor Emeritus of Education, 2009.
B.S., Pittsburg State University M.S.,
Pittsburg State University Ed.S.,
Pittsburg State University

Linda Tappmeyer

Assistant Professor Emeritus of English, 1992.
B.A., Southwest Baptist College;
M.A., University of Missouri-Kansas City; M.A.,
Southwest Missouri State University.

Mark E. Tappmeyer

Professor Emeritus of English, 1979. B.A.,
Southwest Baptist College;
M.A., University of Missouri-Kansas City; D.A.,
Illinois State University

James R. Tarrant III

Professor Emeritus of Music, 2004. B.A.,
Cumberland College;
M.M., Eastern Kentucky University;
D.M.A., University of Memphis.

C. Pat Taylor

President Emeritus; Professor of
Education, 1996.
B.S., University of Tennessee, Martin;
M.A., Western Kentucky University;
Ed.D., University of Memphis.

Betty Van Blair

Professor Emeritus, University Libraries, 1980.
B.S., Ball State University;
M.S., Central Missouri State University;
M.L.S., University of Illinois;
Ed.D., University of Arkansas.

Edward W. Walton

Professor Emeritus, University Libraries, 2002.
B.S., Dallas Baptist University;
M.L.S., University of North Texas;
Ed.D., Union University.

Jeffery Waters

Professor Emeritus of Music, 1989.
B.S., Jacksonville State University;
M.M., D.M.A., University of
Georgia.

Renee S. Waters

Professor Emeritus of Music, 1993.
B.S., Jacksonville State University;
M.M., D.M.A., University of
Georgia.

Larry F. Whatley

Associate Professor Emeritus of History and
Political Science, 1965, 1969.
B.A., M.A., Mississippi State University.

John Wheeler

Professor Emeritus of Education,
1983. B.A., Southwest Baptist
College;
M.S., Pittsburg State University;
Ed.S., Southwest Missouri State
University; Ed.D., University of Kansas.

Linda Kay Wooderson

Professor Emeritus of Physical Education,
1989. B.S., Southwest Baptist College;
M.S., Drury College;
Ed.S., Southwest Missouri State
University; Ed.D., University of
Missouri-Columbia.

Campus Locations

Bolivar Campus

Southwest Baptist University
1600 University Avenue
Bolivar, MO 65613
(800) 526-5859

Mountain View Campus

Southwest Baptist University
124 S. Oak Street
P.O. Box 489
Mountain View, MO 65548
(417) 934-2999
Director: Shae Miller

Salem Campus

Southwest Baptist University
501 South Grand
Salem, MO 65560
(573) 729-7071
Director: Shae Miller

Springfield Campus

Southwest Baptist University
JF Johnson Building
4431 S. Fremont
Springfield, MO 65804

Hutchins Center
1265 Lark Street
Springfield, MO 65804

(417) 893-7143
Director: Brian McCarley

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