

- 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 2023 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 Sciences

Holly Hill-Stanford, Dean

Office: Jester 222; (417) 328-1682

Divisions Within the College

- The Arts
- Behavioral Sciences
- Humanities
- Natural Sciences
- Theology and Ministry

Mission Statement

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

Vision Statement

The vision for CAS 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: TBD

Office: TBD

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: Sarah Howes, Melinda Smashey Jones, Terri Wehmeyer

Faculty Associates: Marc Baker, Jared Brown, Esther Clifton, Michelle Draper, Hannah Fong, Crystal Grosvenor, Carol Harrison, Eric Jackson, Andy Johnston, Melissa Roberts, Bret Stanford, John Trew, 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 certain community music programs. 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 Sightsinging/Eartraining I
 - MUS 1613 Theory I
 - MUS 1621 Sightsinging/Eartraining II
 - MUS 1623 Theory II
 - MUS 2611 Sightsinging/Eartraining III
 - MUS 2613 Theory III
 - MUS 2621 Sightsinging/Eartraining IV
 - MUS 2623 Theory IV
- Music Literature/History Courses (9 hours)
 - MUS 1633 Survey of Music Literature – *satisfies general education humanities requirement*
 - MUS 3653 History of Western Music I
 - MUS 3663 History of Western Music II
- MUS 2702 Basic Conducting (2 hours)
- MUS 0100 Recital Attendance (6 semesters)
- MFT 0400 Major Field Test – *graduating seniors*

General Music Major – B.S. Degree

This degree offers the option of taking a significant number of non-music electives, or of combining the study of music with a second major or a minor.

- General Education Courses (39 hours)
- Graduation Requirements (10 hours)
- Music Core Courses (27 hours)
- Required Music Courses (24 hours)
 - Primary Applied Area – *eight semesters, Level IV* (8 hours)
 - Secondary Applied Area (4 hours)
 - *Music electives from 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 Sightsinging/Eartraining I (1 hour)
- MUS 1613 Theory I (3 hours)
- MUS 1621 Sightsinging/Eartraining II (1 hour)
- MUS 1623 Theory II (3 hours)
- MUS 2702 Basic Conducting (2 hours)
- Primary Applied Area, Level III (5 hours)
- Secondary Applied Area (3 hours)
 - Secondary proficiency – *all students take piano proficiency as either primary applied or secondary*
- Major Ensemble – *4 semesters* (4 hours)
- MUS 4101 Church Music Technology (1 hour)
- MUS 4743 Church Music Administration (3 hours)
- Church Music Electives – *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)

(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 4952 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)

- 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 4952 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: Jonathan Wehmeyer

Theatre Major – B.A. Degree

The Theatre Major is designed to give the theatre student a broad foundation in theatre arts. *Note:* Introduction to Theatre (FAR/THR 1033) is a prerequisite course for a number of upper-level theatre courses. Introduction to Theatre also meets the requirements for the humanities portion of the General Education curriculum and, thus, will be counted towards those hours.

- General Education Courses (42 hours)
 - FAR/THR 1033 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)

- 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)

(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 4952 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)

- 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 4952 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, Neoma Sanders, Kevin Schriver, Philip Truscott, William Walkup, Philip Rohrer (Salem), 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 scientifically based discipline, which explores behavioral and mental processes of individuals. It seeks to increase the respect and appreciation for self and others. The major reflects a strong tendency toward theory and a counseling based curriculum. *Note:* General Psychology (PSY 1013) is the general prerequisite course for all courses in psychology, but the student must meet the additional prerequisites, if they are required, as indicated in the course description section of this catalog. General Psychology also meets the requirements for General Education and, thus, will be counted towards those hours for degree check purposes.

Psychology Major – B.A. Degree

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

- PSY 1013 General Psychology (3 hours)
- PSY 2063 Systems of Psychology (3 hours)
- BEH 2233 Introduction to Research (3 hours)
- PSY 3033 Abnormal Psychology (3 hours)
- PSY 3063 Human Growth and Development (3 hours)
- BEH 3243 Elementary Statistics (3 hours)

- BEH 2001 Writing for the Behavioral Sciences (1 hour)
- BEH 3001 Behavioral Sciences Careers: Exploration and Preparation (1 hour)
- BEH 4001 Professional Ethics in the Behavioral Sciences (1 hour)
- Psychology electives – courses with PSY prefix (6 hours)
- *Extended Core*: Select one (1) course from each of the following areas:
 - General Research:
 - BEH 3073 Social Psychology (3 hours)
 - PSY 4023 Psychology of Personality (3 hours)
 - PSY 4223 Psychological Testing (3 hours)
 - BEH 4233 Research Design and Methods (3 hours)
 - PSY 4263 Physiological Psychology (3 hours)
 - Applied/Counseling:
 - PSY 3003 Human Sexuality (3 hours)
 - PSY 3013 Relationships (3 hours)
 - PSY 3313 Introduction to Counseling (3 hours)
 - PSY 3393 Introduction to Sports Psychology (3 hours)
 - PSY 4093 Behavioral Analysis (3 hours)
 - SOC 4333 Child Abuse and Neglect (3 hours)
 - PSY 4373 Addictions (3 hours)
 - Developmental:
 - PSY 2023 Mental Hygiene: Psychology Applied to Life (3 hours)
 - PSY 4153 Child Development (3 hours)
 - PSY 3083 Neurodevelopmental Disorders (3 hours)
 - PSY 4033 Adolescent Development (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 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 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 3243 Elementary 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 2233 Introduction to 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)
 - BEH 2001 Writing for the Behavioral Sciences* (1 hour)

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 3001 Behavioral Sciences Careers: Exploration and Preparation (1 hour)
 - BEH 2233 Introduction to Research (3 hours)
- Spring Semester
 - BEH 3243 Elementary Statistics* (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)
 - PSY __3 Psychology Developmental Core (3 hours)
 - PSY __3 Psychology General Research Core (3 hours)
 - PSY __3 Psychology Applied/Counseling Core (3 hours)
 - PSY __3 Psychology Elective* (3 hours)
 - Elective (3 hours)
- Spring Semester
 - ECO 2003 LIFE Economics (3 hours)
 - BEH 4001 Professional Ethics in the Behavioral Sciences (1 hour)
 - KIN 3073 Exercise Physiology (3 hours)
 - PSY __3 Psychology Elective (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 2063* Systems of Psychology (3 hours)
- Psychology (PSY) or Behavioral Sciences (BEH) electives (15 hours)

* Note: PSY 1013 General Psychology is a prerequisite for PSY 2063 Systems of Psychology

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

Social Work Major – B.S.W. Degree

The prerequisite courses required for application are the following:

- SWK 2003 Introduction to Social Work (3 hours)
- BEH 2001 Writing for the Behavioral Sciences (1 hour)
- PSY 1013 General Psychology (3 hours)
- SOC 1003 Introduction to Sociology (3 hours)
- SOC 2012 Human Diversity – *recommended to meet general education requirements* (2 hours)

The Bachelor of Social Work degree requires the following courses in the program for a total of 57 hours:

- SWK 3013 Integrating Faith and Social Work Practice (3 hours)
- SWK 3043 Social Work with Diverse Populations (3 hours)
- SWK 3113 Social Work Practice I: Helping Skills (3 hours)

- SWK 3123 Social Work Practice II: Individuals (3 hours)
- SWK 3133 Social Work Practice III: Families and Groups (3 hours)
- SWK 4063 Legal Aspects and Implications of Social Work Practice (3 hours)
- SWK 4093 Social Problems and Social Policy (3 hours)
- SWK 4143 Social Work Practice IV: Communities and Organizations (3 hours)
- SWK 4256 BSW Seminar and Practicum I (6 hours)
- SWK 4266 BSW Seminar and Practicum II (6 hours)
- BEH 2233 Introduction to Research (3 hours)
- BEH 3243 Elementary Statistics (3 hours)
- PSY 3033 Abnormal Psychology (3 hours)
- PSY 3063 Human Growth and Development (3 hours)
- Social Work supportive courses are to be taken from the following (9 hours)
 - BIO 3304 Anatomy and Physiology
 - PSY 4373 Addictions
 - SOC 3143 Sociology of Diverse Groups
 - 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

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)
 - PSY 3063 Human Growth and Development (3 hours)
- Choose between 3 hours of electives from the following Social Work Practice classes
 - SWK 3123 Practice II: Individuals
 - SWK 3133 Practice III: Families and Groups
 - SWK 4143 Practice IV: Communities and Organizations
- Choose 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

* 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/KIN 4033 Special Populations
 - SWK 3043 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 3243 Elementary Statistics
 - BEH 4233 Research Design and Methods
 - 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 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 3373 Juvenile Delinquency (3 hours)
- CRJ 4333 Criminal Law (3 hours)
- Nine hours of electives chosen from the following (9 hours):
 - CRJ 2333 Judicial Process
 - CRJ 3033 Serial Killers
 - CRJ 3313 Law Enforcement Organization and Management
 - CRJ 4313 Corrections in America
 - 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, Holly Hill-Stanford, 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

- General Education Courses (42 hours)
- Graduation Requirements (16-18 hours)
- Required English Courses (30 hours)
 - Writing Course (3 hours)
 - ENG/WRT 3353 Advanced Composition
 - American Literature Courses – *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 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 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 – *select from the following list (3 hours)*
 - ENG 3363 History of the English Language
 - ENG 3373 Structure of the English Language
- World Literature Course (3 hours)
 - ENG 3413 Survey of World Literature
- English Electives (6 hours)
 - These English electives may not count toward courses taken for an English or a Writing minor.

English Major – B.S. (Education) Degree

Same requirements as those for the B.A. degree except no courses in foreign language are required. In lieu of the foreign language courses, students must take the courses needed to meet the requirements of the Missouri Department of 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/WRT 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 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
- 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

Writing Major – B.A. Degree

- General Education Courses (42 hours)
- Graduation Requirements (16-18 hours)
- Required Courses for the Writing Major (36 hours)
 - Academic/Nonfiction Writing (3 hours)
 - ENG/WRT 3353 Advanced Composition
 - Creative Writing Courses – *select from the following list* (6 hours)
 - WRT/ENG 3013 Writing Poetry
 - WRT/ENG 3023 Writing Creative Nonfiction
 - WRT/ENG 3033 Writing Creatively for Young Adults
 - WRT/ENG 4013 Writing Short Fiction
 - WRT/THR 4053 The Art and Craft of Playwriting
 - Practical Writing (6 hours)
 - WRT/ENG 4003 Technical Writing
 - *Select one course from the following list:*
 - BUS 2013 Business Communications
 - COM 3373 Writing and Editing for Journalism
 - MKT 3083 Advertising
 - Literary Study (15 hours)
 - *Two courses in American literature from the following list:*
 - ENG 3313 American Literature I
 - ENG 3323 American Literature II
 - ENG 4033 Focused Readings in American Literature
 - *Two courses in British literature from the following list:*
 - ENG 3233 Medieval and Renaissance English Literature
 - ENG 3243 17th and 18th Century English Literature
 - ENG 3383 Romantic and Victorian English Literature
 - ENG 4023 Contemporary British Literature
 - ENG/THR 4413 Shakespeare
 - *One course in World literature:*
 - ENG 3413 Survey of World Literature
 - Language Study (3 hours)

- ENG 3373 Structure of the English Language
- Writing Elective (3 hours)
 - One course from those not taken to meet the requirement in Creative or Practical Writing

Students may not double major in writing and in English, but they may complete a major in one and a minor in the other. Courses required for a major in writing may not be counted toward courses required for a minor in English. For example, students who complete Advanced Composition for the major in writing must take for the English minor an alternate writing course from either the Creative or Practical Writing courses listed under the major in writing.

English Minor

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

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

Writing Minor

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

- Academic/Nonfiction Writing (3 hours)
 - WRT/ENG 3353 Advanced Composition
 - In the place of Advanced Composition, English majors may substitute another writing course taken from either Creative Writing or Practical Writing that is not already being counted toward the minor in writing.
- Creative Writing – *select one course from the following list* (3 hours)
 - WRT/ENG 3013 Writing Poetry
 - WRT/ENG 3023 Writing Creative Nonfiction
 - WRT/ENG 3033 Writing Creatively for Young Adults
 - WRT/ENG 4013 Writing Short Fiction
 - WRT/THR 4053 The Art and Craft of Playwriting
- Practical Writing (3 hours)
 - WRT/ENG 4003 Technical Writing (3 hours)
- Literary Study (6 hours)
 - *One course in American Literature from the following list* (3 hours)
 - ENG 3313 American Literature I
 - ENG 3323 American Literature II
 - ENG 4033 Focused Readings in American Literature
 - English majors must fulfill this requirement in American Literature with a course not taken to fulfill the American Literature requirement for the major.
 - *One course in British Literature from the following list* (3 hours)
 - ENG 3233 Medieval and Renaissance English Literature
 - ENG 3243 17th and 18th Century English Literature
 - ENG 3383 Romantic and Victorian English Literature

- ENG 4023 Contemporary British Literature
- ENG/THR 4413 Shakespeare
- English majors must fulfill this requirement in British Literature with a course not taken to fulfill the British Literature requirement for the major.
- Language Study (3 hours)
 - ENG 3373 Structure of the English Language
 - English majors must complete both ENG 3373 *and* ENG 3363 History of the English Language

Note: Students may complete a double minor in Writing and English. However, courses used to complete requirements in one minor may not be used to complete requirements in the other minor.

Modern Languages

The study of 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. In addition to offering foreign language courses on the Bolivar campus, Southwest Baptist University offers a wide selection of foreign language courses through the Foreign Language Institute in Springfield, Missouri. Those interested should speak with the Division Head of Humanities.

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 Associate: Lindsey Davis

Mission Statement

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

Students seeking a degree in Communication Arts must complete one of the following major programs:

Communication Major – B.A. Degree

- General Education Courses (42 hours)
- Graduation Requirements (16-18 hours)
- Required Communication Courses (40 hours)
 - COM 1013 Media and Society (3 hours)
 - COM 2223 Argumentation and Debate (3 hours)
 - COM 2393 Interpersonal Communication (3 hours)
 - *Students using COM 2393 to fulfill the University's General Education requirement for communication studies must either take three additional credits of COM 4983 Communication Internship or take three additional hours of approved communication electives.*
 - COM 3003 Communication Theory (3 hours)
 - COM 3013 Rhetorical Theory and Criticism (3 hours)
 - COM 3043 Communication Research Methods (3 hours)
 - COM/THR 3303 Oral Interpretation or COM 3313 Advanced Public Speaking (3 hours)
 - COM 3283 Persuasion (3 hours)
 - COM 3353 Organizational Communication (3 hours)
 - COM 3363 American Public Address (3 hours)
 - COM 4311 Senior Capstone (1 hour)
 - COM 4983 Communication Internship (3 hours)

- Communication electives – *selected with division approval* (6 hours)
- *ENG 3353 Advanced Composition may be counted toward the major and is strongly recommended.*

Journalism/Mass Communication – B.A. Degree

- General Education Courses (42 hours)
- Graduation Requirements (16-18 hours)
- Required Courses (40 hours)
 - COM 1013 Media and Society (3 hours)
 - COM 2033 Introduction to Digital Video (3 hours)
 - COM 2223 Argumentation and Debate (3 hours)
 - COM 3003 Communication Theory *or* COM 3303 Oral Interpretation of Literature (3 hours)
 - COM 3013 Rhetorical Theory & Criticism *or* COM 3313 Advanced Public Speaking (3 hours)
 - COM 3053 Digital Video Journalism (3 hours)
 - COM 3361 Student Media Practicum – *1 hour of credit; completed 2 times* (2 hours)
 - COM 3343 Multi-Media Productions for Nonprofit Organizations *or* COM 4433 Interviewing (3 hours)
 - COM 3373 Writing and Editing for Journalism *or* COM 4433 Interviewing (3 hours)
 - COM 3873 History and Contemporary Issues in Journalism *or* THR 2043 Introduction to Film (3 hours)
 - COM 3973 Journalism Law and Ethics (3 hours)
 - COM 4283 Communication and Social Media (3 hours)
 - COM 431I Senior Capstone (1 hour)
 - COM 498(1-4) Internship in Journalism/Mass Communication (1-4 hours)

Organizational and Strategic Communication – B.A. Degree

- General Education Courses (42 hours)
- Graduation Requirements (16-18 hours)
- Required Courses (46 hours)
 - COM 1013 Media and Society (3 hours)
 - COM 2223 Argumentation and Debate – *must be completed before formal admission to the major* (3 hours)
 - COM 2233 Introduction to Public Relations (3 hours)
 - COM 3163 Nonprofit Public Relations (3 hours)
 - COM 3263 Public Relations and Crisis Management (3 hours)
 - COM 3313 Advanced Public Speaking (3 hours)
 - COM 3343 Multi-Media Productions for Nonprofit Organizations *or* COM 2033 Introduction to Digital Video (3 hours)
 - COM 3353 Organizational Communication (3 hours)
 - COM 4433 Interviewing (3 hours)
 - COM 4283 Communication and Social Media (3 hours)
 - COM 431I Senior Capstone (1 hour)
 - COM 4983 Internship in Public Relations (6 hours)
 - ART 1103 Design (3 hours)
 - ART 2703 Introduction to Graphic Design *or* ART 2003 Photography I (3 hours)

- MKT 3023 Principles of Marketing (3 hours)

Communication Major- B.S. Degree

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

Journalism/Mass Communication Major - B.S. Degree

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

Organizational and Strategic Communication Major - B.S. Degree

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

Speech Communication and Theatre Education – B.S. Degree

This degree leads to speech communication and theatre certification for public school teaching in grades 9-12. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a 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 2223 Argumentation and Debate (3 hours)
- COM 3303 Oral Interpretation of Literature (3 hours)
- COM 3313 Advanced Public Speaking (3 hours)
- COM 3351 Intercollegiate Forensics (2 hours)
- THR 1001 Theatre Performance Workshop (1 hour)
- THR 1011 Theatre Production Workshop (1 hour)
- THR 1023 Acting I (3 hours)
- THR 1033 Introduction to Theatre (3 hours)
- THR 1053 Stagecraft (3 hours)
- THR 4023 Directing of Plays (3 hours)
- Electives in Communication or Theatre (6 hours)
- Professional Education Coursework (49 hours)
 - See B.S. Degree Certification in Content Areas, Grades 9-12, K-12

Communication Minor (18 hours)

- COM 1103 Fundamentals of Speech Communication (3 hours)
- COM 2223 Argumentation and Debate *or* COM 3313 Advanced Public Speaking (3 hours)

- COM 2392 Interpersonal Communication *or* COM 3383 Small Group Communication (3 hours)
- Communication Electives (9 hours)

Health Communication Minor (18 hours)

- COM 2123 Introduction to Health Communication (3 hours)
- COM 2233 Introduction to Public Relations (3 hours)
- COM 2393 Interpersonal Communication (3 hours)
- COM 3283 Persuasion: Theory and Practice (3 hours)
- Communication Electives – *choose two from the following list* (6 hours)
 - COM 3163 Nonprofit Public Relations
 - COM 3263 Public Relations and Crisis Management
 - COM 3333 Intercultural Communication
 - COM 3353 Organizational Communication
 - COM 3383 Small Group Communication
 - COM 4013 Communication and Leadership
 - COM 4983 Internship

Sports Communication Minor (18 hours)

- COM 2023 Introduction to Sports Communication (3 hours)
- COM 2033 Introduction to Digital Video (3 hours)
- COM 3373 Writing and Editing for Journalism (3 hours)
- COM 4013 Communication and Leadership (3 hours)
- COM 4983 Internship in Sports Communication (3 hours)
- Communication Elective – *choose one from the following list* (3 hours)
 - COM 3053 Digital Video Journalism
 - COM 3283 Persuasion: Theory and Practice
 - COM 3353 Organizational Communication
 - COM 4433 Interviewing
 - COM 4953 Special Topics in Communication

Speech Communication and Theatre Minor (18 hours)

This program does not meet teaching certification requirements.

- COM 1103 Fundamentals of Speech Communication (3 hours)
- COM 2223 Argumentation and Debate *or* COM 3313 Advanced Public Speaking (3 hours)
- COM 3303 Oral Interpretation of Literature (3 hours)
- THR 1023 Acting I *or* THR 3033 Acting II (3 hours)
- THR 1033 Introduction to Theatre (3 hours)
- Electives in Theatre (3 hours)

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 3243 Elementary 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 2223 Argumentation and Debate
 - COM 3013 Rhetorical Theory and Criticism
 - COM 3283 Persuasion: Theory and Practice
 - COM 3313 Advanced Public Speaking
 - THR 3033 Acting II
- Written Communication Skills – *select one course from the following list* (3 hours)
 - ENG/WRT 3023 Writing Creating Nonfiction
 - ENG/WRT 3353 Advanced Composition
 - ENG 3373 Structure of the English Language
 - ENG/WRT 4003 Technical Writing
- 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
 - COM 3973 Journalism Law and Ethics
 - 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

Division of Natural Sciences

Division Head: John Patton

Office: Wheeler 100-B; (417) 328-1662

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

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.

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

Minor in Agriculture (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 except for Principles of Biology, BIO 1003 and BIO 1001. 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: Craig Masters, John Patton, Jena Whetstine

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 3243 Elementary 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 3243 Elementary 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, Craig Masters, John Patton

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)

Courts Redford Division of Christian Ministry

Division Head: David Quackenbos

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

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

Division of Christian Ministry majors will choose a concentration in biblical studies, pastoral ministry, children's ministry, discipleship ministry, youth ministry, cross cultural ministry, or intercultural studies. For Church Music (B.M. degree), see the listing under Division of The Arts in the College of Arts and 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 people 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 local church 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 local church ministry.
3. Mentoring church vocation students to clarify their call and to live Christ-centered lives.
4. Making students aware of the witnessing imperative of the Christian faith around the globe.

The Courts Redford Division of Christian Ministry is responsible for the academic programs in religion and for the Institute of Evangelism. The College serves the University by offering courses required for graduation (BIB 1013/1213, BIB 1023/1223, and SPF 2012, 2022, 2032) and programs of theological training for those who are entering church related vocations and for lay people.

Majors and Minors

The Division of Christian Ministry offers majors and minors and special programs. 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, entrance and exit examinations, student portfolios, and exit interviews and surveys requesting information from graduates, graduate schools and employees. Confidentiality is always maintained, and the results of these various instruments are used to make positive and constructive changes to the academic program.

All 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)
 - *BIB – Beyond BIB 1013/1213, 1023/1223, 2093 (3 hours)
 - CED 3023 Church Administration (3 hours)
 - CHR 4003 Expository Preaching (3 hours)
 - CHR 4982 Christian Ministries Apprenticeship (2 hours)

- *PSY elective, choose from the following (3 hours)*
 - PSY 3313 Theories of 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 (43 hours)*
 - a. Take all hours for Pastoral Ministry B.S. degree but also take
 - i. *Language Course – Graduation Requirement – Choose One
 - 1. GRE 2013 and 2023 Elementary Greek I and II
 - 2. 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 (3 hours)

- 4. *Concentration in Children’s Ministry – B.A. Degree (43 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 (43 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 (37 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 (18 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 4983 Christian Education Apprenticeship (3 hours)
 - PSY 4033 Adolescent Development (3 hours)
8. *Concentration in Youth Ministry – B.A. Degree (43 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.S. Degree (37 hours)*
- a. Core (17 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 from the following* (3 hours)
 - COM 3333 Intercultural Communication (3 hours)
 - ICS Elective (3 hours)
 - OR Upper Level Bible (3 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 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(39 hours)

- c. 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)
- d. 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 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. Coursework will be conducted via email (thus requiring a laptop computer) and will include:

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

Biblical Studies Major – B.A. 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. Bible Courses – Select 4 – Minimum requirement of 1 course in Old and New Testament (12 hours)
- c. Theology Courses – Select 2 (6 hours)
- d. Language Course – Graduation Requirement (not reflected in total major hours) – 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

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 (18 hours)

- BIB 2093 Methods of Biblical Interpretation (3 hours)
- CED 2033 Principles of Teaching in the Church (3 hours)
- 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, GRE, HEB, or THE (6 hours)
- 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)

Eighteen hours of Bible above the graduation Bible requirements. Nine of the hours must be upper-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* (3 hours)
- EDU 2332 Teaching the Young Child – *co-enroll with EDU 2391; spring after EDU 2232 and EDU 2381* (2 hours)
- EDU 2381 Early Childhood Practicum – *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 (3 hours)

Christian Education (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)

- Christian Ministry *or* ICS Elective (3 hours)
- 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)
- ENG 1003 English As Second Language *or* any upper-level CHR, ICS, *or* BIB (3 hours)

Intercultural Studies (20 hours)

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

- ICS 3033 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 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 2911 projects to different cultures (one of which must be international) *or* ICS 2912 which is an international cross-cultural project at least six weeks in length.
- Two electives – *must include at least one Bible course* (6 hours)
 - BIB 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)
- THE Electives (12 hours)

Youth Ministry (18 hours)

- CED 2003 Introduction to Christian Education (3 hours)
- CED 2033 Principles of Teaching (3 hours)
- CED 3013 Youth Ministry in the Church (3 hours)
- CED 3023 Church 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)
- 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)
- Electives (15 hours)