

approval from the advisor. This minor is available only on the Salem campus and is not part of the business curriculum as it relates to the accreditation through ACBSP.

Management Minor (18 hours)

- MGT 3013 Principles of Management (3 hours)
- MGT 3033 Operations Management (3 hours)
- MGT 4033 Human Resource Management (3 hours)
- MGT 4043 Organizational Behavior and Theory (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- MGT/MKT 4153 Retailing (3 hours)

Marketing Minor (18 hours)

- MKT 3023 Principles of Marketing (3 hours)
- MKT 3033 Consumer Behavior (3 hours)
- MKT 3083 Advertising (3 hours)
- MKT 4253 Digital and Social Media Marketing (3 hours)
- *Select two of the following courses* (6 hours)
 - MKT 3073 Professional Selling
 - MKT 4013 Marketing Research
 - MKT 4023 Marketing Management
 - MKT/MGT 4153 Retailing

College of Professional Programs

Troy Bethards, Dean

Office: Taylor 106; (417) 328-1757

<https://www.sbuniv.edu/academics/colleges/professional-programs.php>

Divisions Within the College

- Computing and Mathematics
- Education
- Kinesiology

Mission Statement

The College of Professional Programs equips students to pursue academic excellence through professional programs with a biblical worldview in a caring environment.

Vision Statement

The College of Professional Programs strives to be the premier provider of professional programs among evangelical Christian universities, preparing Christ-centered servant leaders who leverage their academic experience for Kingdom service.

Core Values

The core values of the College of Professional Programs are:

1. Integrity: Practicing the highest moral standards.
2. Service: Helping others through academic, professional, and community activities.
3. Respect: Honoring others through words and actions.
4. Charity: Loving one another.
5. Faithfulness: Remaining committed to God and biblical principles.
6. Truthfulness: Pursuing honesty through the Word of God.
7. Humility: Approaching all situations with a humble attitude.
8. Perseverance: Persisting in the face of challenges.
9. Professionalism: Exhibiting compassionate competence.
10. Excellence: Striving for greatness.

Specialized Accreditation

The Computer Science and Cybersecurity programs at Southwest Baptist University have been accredited by the Accreditation Board for Engineering and Technology (ABET).

The Accreditation Council for Business Schools and Programs (ACBSP) has accredited the following program within the College of Professional Programs:

- Computer and Information Sciences, B.S.

Other programs are accredited by ACBSP. They are contained within the Robert W. Plaster College of Business.

Faith Integration

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

General Information

The College offers undergraduate degree programs with majors and minors in multiple areas. Students in other fields of study are encouraged to consider one of the many minors in the various professional programs in order to enhance their careers. All policies of the University apply to students who major or minor in College programs. Students must satisfactorily complete 128 hours of approved course credit in order to graduate with a baccalaureate degree. The standard semester course load required in order to earn the baccalaureate degree in eight semesters (4 years) is 16 hours. All elective courses to be applied toward the major(s) and minor(s) must be approved by the student's advisor in the College. Students

may complete two majors within one area in the College of Professional Programs. The College faculty believes assessing educational outcomes is important. Outcomes assessment is a way to evaluate College programs and academic achievement of students in relation to similar colleges. Therefore, all graduating seniors are required to participate in an appropriate exit exam.

Division of Computing and Mathematics

Division Head: Amos Gichamba

Office: Taylor 107; (417) 328-1721

Faculty: Stephen Bowling, James Cain, Tim Chappell, Meilani Conley, Benny Fong, Amos Gichamba, Robert Glasgow, Jeffrey Kimball, Baochuan Lu

Faculty Associates: Angela Snyder

Mission Statement

We strive to provide a sound educational foundation to students in the computing and mathematics disciplines from a Christian perspective.

Area of Computing

The Area of Computing provides students with a contemporary curriculum of study in computing to prepare them for careers in information processing, web software development or computer science and for graduate or professional study. The Area offers a Bachelor of Science (B.S.) Degree with a major in Computer Science, Computer Information Science, Cybersecurity, and Web Systems and Design. The Area also offers programs of study leading to a minor in Computer Science, Computer Information Science, or Cybersecurity. Courses that provide general computational knowledge for students not seeking a degree offered by the Computing Area are also offered.

All students pursuing a program within the Computing Area must maintain a minimum GPA of 2.25 and earn no more than two “D” letter grades within the computing core curriculum. Students also are required to maintain a minimum GPA of 2.25 and earn no more than one “D” letter grade within courses specific to the major.

The Bachelor of Science degree with a major in Computer Science (CS), Computer Information Science (CIS), Cybersecurity (CYBER), or Web Systems and Design (WS&D) requires a minimum of 128 semester hours of credit. The majors require 30 semester hours of credit from CIS Core Curriculum and additional semester hours of credit from specific CIS support courses or the “College Core Curriculum.” Remaining semester credit hours are earned from general education courses, graduation requirements, major support courses and free electives.

Computing Core Curriculum (30 hours)

- CIS 1144 Computer Science I (4 hours)
 - CIS 1144 requires that MAT 1243 or MAT 1195 be taken as a co-requisite
- CIS 1154 Computer Science II (4 hours)
- CIS 1163 Introduction to Cybersecurity (3 hours)
- CIS 2013 Networks (3 hours)
- CIS 2213 Systems Analysis and Design (3 hours)
- CIS 3323 Database Management (3 hours)
- CIS 3333 Algorithms and Data Structures (3 hours)
- CIS 3413 Machine Organization (3 hours)
- CIS 4462 Applied Software Engineering I (2 hours)

- CIS 4472 Applied Software Engineering II (2 hours)

Computer Science Major – B.S. Degree

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

- Computing Core (30 hours)
- CIS and Other Support (49-50 hours)
 - CIS 3423 Programming Languages (3 hours)
 - CIS 4423 Operating Systems (3 hours)
 - CIS 4433 Numerical Methods (3 hours)
 - Pick any 3-credit hour CIS course at the 2000-level or above, except CIS 4983 (3 hours)
 - MAT 1173 Discrete Mathematics (3 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 2255 Calculus II (5 hours)
 - MAT 2263 Calculus III (3 hours)
 - MAT 3323 Linear Algebra (3 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - CHE 1103/1101, CHE 1114/1111, PHS 1003/1001, PHS 1113/1111, PHS 2313/2311, PHY 2214/PHY 2211 (4-5 hours)
 - *Plus 5 hours from physics, chemistry, biology or mathematics, 2000 level or above, or CHE 1124/1121, PHS 2313/2311, PHS 295(1-5), PHS 3303, or PHY 1124/1121 (5 hours)*
 - ECO 2023 Principles of Microeconomics (3 hours)
 - LDR 4043 Ethics and Professional Development (3 hours)

Computer Information Science Major – B.S. Degree

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

- Computing Core (30 hours)
- Business Core (45 hours)
 - ACC 2013 Principles of Financial Accounting (3 hours)
 - ACC 2043 Principles of Managerial Accounting (3 hours)
 - BUS 2013 Business Communications (3 hours)
 - *BUS 1193 Business Calculus (BA/ACC) or MAT 1173 Discrete Mathematics (CIS) (3 hours)
 - BUS 2023 Business Statistics (3 hours)
 - BUS 3073 Legal Environment of Business I (3 hours)
 - CIS 3123 Survey of Data Science (3 hours)
 - ECO 2023 Principles of Microeconomics (3 hours)
 - ECO 2033 Principles of Macroeconomics (3 hours)
 - FIN 3043 Business Finance (3 hours)
 - LDR 4043 Ethics and Professional Development (3 hours)
 - MGT 3013 Principles of Management (3 hours)
 - MGT 3033 Operations Management (3 hours)
 - MGT 4083 Strategic Management (3 hours)

- MKT 3023 Principles of Marketing (3 hours)
- * Meets the University Mathematics General Education requirement
- CIS and Other Support (9 hours)
 - CIS 3313 Advanced Systems Analysis and Design (3 hours)
 - Pick any 3-credit hour CIS course at the 2000-level or above, except CIS 4983 (3 hours)
 - MAT 1173 Discrete Mathematics (3 hours)

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

The Computer Science Education degree is a total of 128 hours. *Computer science certification in Missouri is obtained by having initial certification in another content area and then earning a passing score on the Missouri computer science content assessment.*

- Required General Education Courses (42 hours)
 - Note: CIS 1033 is the required and MAT 1243 or higher math is required. MAT 1243 (or higher math class) is a required co-requisite with CIS 1154.
- Required Graduation Requirement Courses (10 hours)
- Required Computing Core Classes (26 hours)
 - CIS 1144 Computer Science I (4 hours)
 - CIS 1154 Computer Science II (4 hours)
 - CIS 1163 Introduction to Cybersecurity (3 hours)
 - CIS 2003 Web Design (3 hours)
 - CIS 2013 Networks (3 hours)
 - CIS 2213 Systems Analysis and Design (3 hours)
 - CIS 3333 Algorithms and Data Structures (3 hours)
 - CIS 3413 Machine Organization (3 hours)
- Required Support Courses (6 hours)
 - MAT 1173 Discrete Mathematics (*co-requisite with CIS 1154*) (3 hours)
 - BEH 3243 Elementary Statistics (3 hours)
- Required EDU Support Courses (44 hours)
 - EDU 2113 Educational Psychology (3 hours)
 - EDU 2141 Field Experience Level 1 (1 hour)
 - EDU 2313 Foundations of Education (3 hours)
 - EDU 2823 Technology for Educators (3 hours)
 - EDU 3013 Analyzing and Amending Reading Problems (3 hours)
 - EDU 3043 Learner Development and the Classroom (3 hours)
 - EDU 3333 Principles and Methods of Secondary Instruction (3 hours)
 - EDU 3341 Field Experience Level 2 (1 hour)
 - EDU 3613 Content Area Literacy (3 hours)
 - EDU 3833 Behavior and Classroom Management – Secondary (3 hours)
 - EDU 4213 Methods of Teaching Computer Science (3 hours)
 - EDU 4623 Teaching Diverse Learners (3 hours)
 - EDU 4691 Student Teaching Seminar (1 hour)
 - EDU 4832 Assessment and Evaluation of Learners (2 hours)
 - EDU 4949 Student Teaching in the Secondary School (10 hours)

Cybersecurity Major – B.S. Degree

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

- Computing Core (30 hours)
- Computing and Other Support (55-57 hours)
 - CIS 1033 Foundations of Computer Science (3 hours)
 - CIS 1141 Introduction to Linux and Scripting (1 hour)
 - CIS 2033 Principles of Information Science (3 hours)
 - CIS 2043 System Administration (3 hours)
 - CIS 3013 Digital Forensics (3 hours)
 - CIS 3023 Network Security (3 hours)
 - CIS 3033 Secure Software (3 hours)
 - CIS 4423 Operating Systems (3 hours)
 - CIS 4453 Systems Security (3 hours)
 - CIS 4463 Ethical Hacking (3 hours)
 - MAT 1173 Discrete Mathematics (3 hours)
 - One of the following courses (3-5 hours)
 - MAT 1193 Business Calculus (3 hours)
 - MAT 1195 Calculus I (5 hours)
 - MAT 3343 Mathematical Statistics (3 hours)
 - One of the following courses (3 hours)
 - MAT 3473 Analysis of Variance (3 hours)
 - MAT 4343 Mathematical Statistics II (3 hours)
 - LDR 4043 Ethics and Professional Development (3 hours)
 - ECO 2023 Principles of Microeconomics (3 hours)
 - PSY 2033 Social Engineering (3 hours)
 - CRJ 2313 Introduction to Criminal Justice (3 hours)
 - *Plus one of the following four courses: BUS 3073, BEH 3073, SOC 4033, CRJ 4333 (3 hours)*

Web Systems and Design Major – B.S. Degree

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

- Computing Core (30 hours)
- Computing and Other Support (45 hours)
 - CIS 2003 Web Design (3 hours)
 - CIS 2253 Web Engineering (3 hours)
 - CIS 3113 Interface and Interaction Design
 - CIS 3313 Advanced Systems Analysis and Design (3 hours)
 - CIS 3363 Mobile App Development (3 hours)
 - ART 2703 Introduction to Graphic Design (3 hours)
 - ART 3723 Digital Imaging Concepts (3 hours)
 - *One of the following two courses: ART 3043 or ART 3703 (3 hours)*
 - BUS 2023 Business Statistics (3 hours)

- ECO 2023 Principles of Microeconomics (3 hours)
- LDR 4043 Ethics and Professional Development (3 hours)
- MAT 1173 Discrete Mathematics (3 hours)
- MKT 3023 Principles of Marketing (3 hours)
- MKT 4253 Social Media Marketing (3 hours)
- *One of the following three courses: COM 3333, COM 3353, ENG 4003 (3 hours)*

Area of Mathematics

The Area of Mathematics pursues excellence and offers quality instruction from a Christian perspective to non-majors to broaden their mathematical skills and awareness and to majors to prepare them for career success or further study in mathematics.

The SBU Area of Mathematics pursues excellence by:

- helping students familiarize themselves with mathematical skills and basic mathematical structures necessary for applications and interpretation of life experiences from a Christian perspective;
- seeking to enable students to appreciate graphical presentation of information, logical reasoning, and precision of statement and thought;
- preparing students for continued scholarship and positions of leadership from a Christian perspective in secondary mathematics teaching, graduate study in mathematically related fields, and employment in a global society with many problems that need solutions;
- promoting scholarship of the faculty by encouraging pursuit of advanced degrees, continuing professional development, research, and professional presentations and publications.

Mathematics Service Courses

Service courses are offered by the area, which do not count toward a mathematics major or minor. These either meet the mathematics general education requirement (see the general education section of the catalog for specific requirements) or help students develop the prerequisite skills for later courses in mathematics or other fields. Placement in a particular mathematics course is determined primarily by college entrance examination scores. These scores may necessitate placement in MAT 0243 Mathematical Literacy (which does not count toward the 128 hour graduation requirement) to enable the student to receive the necessary skills for success in later mathematics courses. Other factors that determine a starting mathematics course are high school background, vocational objectives, previous performance and student interest.

- MAT 0243 Mathematical Literacy (3 hours)
- MAT 1243 Algebraic Reasoning and Modeling (3 hours)
- MAT 1163 Pre-Calculus (3 hours)
- MAT 1173 Discrete Mathematics (3 hours)
- MAT/BUS 1193 Business Calculus (3 hours)
- MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers (3 hours)

Mathematics Major - B.A. Degree

All students graduating from Southwest Baptist University are required to complete at least 128 hours of credit to be earned by completion of the University general education requirements, University graduation requirements, courses within their major and other elective courses.

- Core Courses (27 hours)

- MAT 1195 Calculus I (5 hours)
- MAT 2255 Calculus II (5 hours)
- MAT 2263 Calculus III (3 hours)
- MAT 3313 Abstract Algebra (3 hours)
- MAT 3323 Linear Algebra (3 hours)
- MAT 4663 Advanced Calculus (3 hours)
- MAT 3332 Symbolic Logic and Set Theory (2 hours)
- MAT 3343 Mathematical Statistics (3 hours)
- Elective Courses – *select four of the following courses* (10-12 hours)
 - MAT/PHY 3263 Mathematics for Science and Engineering I
 - MAT 3353 Integrated Mathematics
 - MAT 3363 Differential Equations
 - MAT 3372 Math Technologies
 - MAT 3382 History of Mathematics
 - MAT/PHY 4263 Mathematics for Science and Engineering II
 - MAT 4343 Mathematical Statistics II
 - MAT/CIS 4433 Numerical Methods
 - MAT 4483 Contemporary Geometry
- Required Support Courses (5 hours)
 - CIS 1033 Foundations of Computer Science – *meets computer science general education and also serves as support for mathematics*
 - SCF 3422 Mathematics Through the Eyes of Faith

Mathematics Major - B.S. Degree

Same requirements as those for the B.A. degree, except that CIS 1144 or Secondary Certification is required instead of foreign language.

Certification for Teaching High School (Mathematics 9-12)

Students seeking certification with their mathematics major have the following courses added to the core courses listed above.

- MAT 3353 Integrated Mathematics (3 hours)
- MAT 3372 Math Technologies (2 hours)
- MAT 3382 History of Mathematics (2 hours)
- MAT 3391 Preparing for Secondary Mathematics Teacher Certification Exam – *waived if student has already passed the math certification exam by spring of junior year* (1 hour)
- MAT 4483 Contemporary Geometry (3 hours)
- Professional Education Coursework (48 hours)
 - See B.S. Degree in Content Areas, Grades 9-12, K-12

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

Division of Education

Division Head: Kevin Patterson

Office: Gott Educational Center 102; (417) 328-1717 or (417) 328-2043

Faculty: Julie Bryant, Jennifer Fox, Charles Lentz, Scott Morrison, Tamara Samek, Colleen Shuler

Coordinator of Teacher Education: Julie Bryant

Certification Officer and Coordinator of Clinical Experiences: Jennifer Fox

Mission Statement

The Division of Education is a learning community preparing teachers and administrators to be caring, effective practitioners in today's schools.

The teacher education program is approved by the State Board of Education of the State of Missouri on an annual basis. The Missouri Department of Elementary and Secondary Education (DESE) grants this approval. When state department requirements change for teacher certification, the new requirements take precedence over this catalog. SBU reserves the right to amend the curriculum and require teaching certificate candidates to graduate under a program that reflects these changes. Southwest Baptist University is authorized to conduct a professional education program and recommend candidates for initial certification as listed in the table below. Total hours must meet SBU's graduation requirements. The Teacher Education Program is also recognized by the Association of Christian Schools International (ACSI).

- Elementary 1-6
- Middle School 5-9
 - Language Arts 5-9
 - Mathematics 5-9
 - Science 5-9
 - Social Science 5-9
 - Speech/Theatre 5-9 (concentration area)
- Mountain View Campus
 - Elementary 1-6
- Certification in content areas 9-12, K-12
 - Art K-12
 - Biology 9-12
 - Chemistry 9-12
 - Computer Science 9-12*
 - English 9-12
 - Mathematics 9-12
 - Music (Instrumental, Vocal) K-12
 - Physical Education K-12
 - Social Science 9-12
 - Speech and Theatre 9-12
 - Spanish K-12

Before being admitted into the teacher education program, candidates must pass all sections of the Missouri General Education Assessment (MoGEA) or have an ACT composite score of 20 or greater, achieve a grade point average of 3.0 in professional education coursework, a grade point average of 3.0 in the candidates' chosen area, and the approval of the Division of Education faculty and faculty in the

candidate's chosen area. Additional requirements and procedures are found in the Teacher Education Handbook.

Under Title II reporting during the 2017-2018 academic year, 131 undergraduate students had been accepted into the teacher education program and were pursuing elementary, middle, or secondary certification. A total of 57 students completed supervised student teaching in either the fall or spring semester. At Southwest Baptist University, student teaching consists of a minimum of 35 hours per week for a full semester. Placement for student teaching is made in schools that are within a 50 mile radius of Bolivar. The teacher candidate-faculty ratio in supervised student teaching during the 2017-2018 report year was 2.4 in the fall and 3.1 in the spring.

Bachelor of Arts Degree: Elementary Education Certification, Grades 1-6

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Bachelor of Arts/General Education Requirements.)

Bachelor of Science Degree: Elementary Education Certification, Grades 1-6

On the Bolivar campus, Elementary Education majors must complete prescribed course work in elementary education in order to receive initial certification. This includes University general education requirements, graduation requirements, and recommended completion of supporting work in one of the following focus areas. A list of the focus area courses may be obtained from the Division of Education.

Focus Areas

- Art
- Early Childhood (Birth-Grade 3)
- Literacy
- Middle School Education 5-9 (Choose one content area)
- Physical Education
- Spanish

On the Mountain View campus, students complete a Social Science focus area.

General Education Requirements

Southwest Baptist University's Division of Education requires that the following courses be taken by elementary education teacher candidates (specific general education courses – alternate general education courses must be approved by the Division of Education):

- GEO 1103 Geography
- MAT 1243 Algebraic Reasoning and Modeling
- PHS 2005 Physical Science for Elementary and Middle School Teachers

Professional Education Coursework (70-73 hours)

- EDU 2113 Educational Psychology
- EDU 2121 Field Experience Level 1
- EDU 2283 Methods of Teaching Number Theory in Elementary and Middle Schools
- EDU 2313 Foundations of Education
- EDU 2343 Emergent Literacy
- EDU 2353 Children's Literature
- EDU 2483 School, Home, and Community Collaboration
- EDU 2823 Technology for Educators

- EDU 3003 Teaching Social Sciences in the Early Childhood and Elementary Classroom
- EDU 3043 Learner Development and the Classroom
- EDU 3114 Teaching Literacy in the Early Childhood and Elementary Classroom I
- EDU 3124 Teaching Literacy in the Early Childhood and Elementary Classroom II
- EDU 3143 Integrating Art, Music, and Movement in the Early Childhood and Elementary Classroom
- EDU 3163 Teaching Integrated Math in the Early Childhood and Elementary Classroom
- EDU 3183 Teaching Integrated Science in the Early Childhood and Elementary Classroom
- EDU 3311 Field Experience Level 2 in Lower Elementary (Grades 1-3)
- EDU 3321 Field Experience Level 2 in Upper Elementary (Grades 4-6)
- EDU 3503 Curriculum Planning and Assessment
- EDU 3823 Behavior and Classroom Management in the Early Childhood and Elementary Classroom
- EDU 4593 Spiritual Issues in Public Schools
- EDU 4623 Teaching Diverse Learners
- EDU 4691 Student Teaching Seminar
- EDU 4929 Student Teaching in the Elementary 1-6 School
- KIN 3093 Responding to Emergencies – *or documentation of current CPR certification*
- MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers

Bachelor of Arts Degree: Middle School Certification, Grades 5-9

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Bachelor of Arts/General Education Requirements.)

Bachelor of Science Degree: Middle School Certification, Grades 5-9

Middle School Education majors must complete prescribed course work in middle school education in order to receive initial certification. This includes a minimum of 24 semester hours in one of the areas of concentration listed below (primary area). It is suggested that middle school majors complete a minimum of 15 semester hours in a second area of concentration (second area). A copy of the certificate planning sheets in each area of certification may be obtained from the Division of Education or on the Division of Education web site.

- Language Arts (5-9)
- Mathematics (5-9)
- Science (5-9)
- Social Science (5-9)
- Speech/Theatre (5-9)
- Spanish – only as a second area of concentration

Professional Education Coursework (90-96 hours)

(Includes courses in primary and second area of concentration)

- EDU 2113 Educational Psychology
- EDU 2131 Field Experience Level I (observing/assisting) in Middle School/Jr. High
- EDU 2313 Foundations of Education
- EDU 2483 School, Home, and Community Collaboration
- EDU 2823 Technology for Educators

- EDU 3013 Analyzing and Amending Reading Problems
- EDU 3043 Learner Development and the Classroom
- EDU 3331 Field Experience Level 2 in Middle School
- EDU 3613 Content Area Literacy
- EDU 3833 Behavior and Classroom Management – Secondary
- EDU 4473 Psychology of the Middle School Student
- EDU 4493 Middle School Curriculum
- EDU 45__ Methods of Teaching in Primary Area (2-3 hours)
- EDU 4593 Spiritual Issues in Public Schools
- EDU 4623 Teaching Diverse Learners
- EDU 4691 Student Teaching Seminar
- EDU 4832 Assessment and Evaluation of Learners
- EDU 4939 Student Teaching in the Middle 5-9 School

Language Arts (24 hours)

- ENG 1113 English Composition I
- ENG 2213 English Composition II *or* ENG 1123 English Composition (Honors)
- ENG 3353 Advanced Composition
- ENG 3373 Structure of the English Language
- ENG 3303 American Literature for Young Adults
- ENG ____ American Literature Elective
- ENG ____ English or World Literature Elective
- EDU/ENG 4543 Methods of Teaching Writing

Mathematics (24-25 hours)

- MAT 1243 Algebraic Reasoning and Modeling
- MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers
- MAT 1195 Calculus I
- MAT 3343 Mathematical Statistics
- MAT 3353 Integrated Math
- MAT 3372 Math Technologies
- MAT 3382 History of Mathematics
- 3 hours of upper division math electives

Science (25 hours)

- BIO 1003 Principles of Biology/BIO 1001 Principles of Biology Lab
- BIO 2134 General Zoology *or* BIO 2234 General Botany
- BIO 3334 Ecology *or* BIO 2213 Environmental Biology
- PHS 2005 Physical Science for Elementary/Middle School Teachers
- PHS 3303 History/Philosophy of Science/Technology
- CHE 1114/CHE 1111 General Chemistry I and Lab

Social Science (24 hours)

- HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance
- HIS 1123 Introduction to the History of World Civilization: From the Renaissance to the Present
- HIS 2213 History of the U.S.I or HIS/HON 2013 Honors U.S. History I
- HIS 2223 History of the U.S. II
- POL 1113 American Government and Politics or POL/HON 1013 Honors American Government and Politics
- POL 2223 American State and Local Government
- GEO 1103 Geography
- ECO 2023 Principles of Microeconomics or ECO 2033 Principles of Macroeconomics

Speech/Theatre (24 hours)

- COM 1103 Fundamental of Speech Communication or COM/HON 2213 Honors Fundamentals of Speech Communication
- COM 2223 Argumentation and Debate
- COM 3303 Oral Interpretation of Literature
- COM 3313 Advanced Public Speaking
- COM 3383 Small Group Communication or COM 2393 Interpersonal Communication
- THR/FAR 1033 Introduction to Theatre
- THR 1053 Stagecraft
- THR 3013 Stage Management

Bachelor of Arts Degree: Certification in Content Areas, Grades 9-12

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Graduation Requirements.)

Bachelor of Science Degree: Certification in Content Areas, Grades 9-12, K-12

Specific course requirements for obtaining certificates to teach in subject matter areas are established by the division involved in cooperation with the Division of Education. These requirements are based on minimum standards issued by the Missouri State Department of Elementary and Secondary Education. A copy of the certificate planning sheets in each area of certification may be obtained from the Division of Education or on the Division of Education web site.

Certification in secondary education consists of completion of an academic major in which initial certification is sought and completion of Professional Education Requirements.

Professional Education Coursework (42-46 hours)

- EDU 2113 Educational Psychology
- EDU 2141 Field Experience Level 1 (observing/assisting) – Secondary
- EDU 2313 Foundations of Education
- EDU 2823 Technology for Educators
- EDU 3013 Analyzing & Amending Reading Problems – *not required for K-12 certification*
- EDU 3043 Learner Development and the Classroom
- EDU 3333 Principles and Methods of Secondary Instruction
- EDU 3341 Field Experience Level 2 – Secondary School
- EDU 3613 Content Area Literacy

- EDU 3833 Behavior and Classroom Management – Secondary
- EDU 45__ Methods of Teaching in the Content Area (2-4 hours)
- EDU 4593 Spiritual Issues in Public Schools
- EDU 4623 Teaching Diverse Learners – *for Physical Education K-12, take KIN 4043*
- EDU 4691 Student Teaching Seminar
- EDU 4832 Assessment and Evaluation of Learners
- EDU 4949 Student Teaching Secondary 9-12 School *or* EDU 4959 Student Teaching in the K-12 School

Bachelor of Arts Degree: Global Education – Elementary (grades 1-6)

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Bachelor of Arts/General Education Requirements.)

Bachelor of Science Degree: Global Education – Elementary (grades 1-6)

The Bachelor of Science in Global Education degree with an elementary focus is a total of 135 hours. Currently offered on the Bolivar campus, Global Education majors must complete prescribed coursework in elementary education in order to receive initial certification. This degree includes University general education requirements (with modifications for Global Education majors) and selected coursework from Intercultural Studies and Christian Ministry. A copy of the certificate planning sheet and trial four-year plan may be obtained from the Division of Education or on the Division of Education website. Students will complete the student teaching semester in another country in an approved, accredited school with a certified cooperating teacher and an SBU-approved university supervisor overseeing their experience.

General Education Requirements

Southwest Baptist University's Division of Education requires that the following courses be taken by Global Education teacher candidates (specific general education courses – alternate general education courses must be approved by the Division of Education):

- HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance OR
- HIS 1123 Introduction to the History of World Civilization: From the Renaissance to Present (in place of HIS 2213 or 2223)
- ICS 2911 Cross-Cultural Service Project (two mission trips; meets Fine Arts/Cultural Studies requirement)
- MAT 1243 Algebraic Reasoning and Modeling
- PHS 2005 Physical Science for Elementary and Middle School Teachers

Professional Education Coursework (70-73 hours)

- EDU 2113 Educational Psychology
- EDU 2121 Field Experience Level 1
- EDU 2283 Methods of Teaching Number Theory in Elementary and Middle Schools
- EDU 2313 Foundations of Education
- EDU 2343 Emergent Literacy
- EDU 2353 Children's Literature
- EDU 2483 School, Home, and Community Collaboration
- EDU 2823 Technology for Educators
- EDU 3003 Teaching Social Sciences in the Early Childhood and Elementary Classroom
- EDU 3043 Learner Development and the Classroom

- EDU 3114 Teaching Literacy in the Early Childhood and Elementary Classroom I
- EDU 3124 Teaching Literacy in the Early Childhood and Elementary Classroom II
- EDU 3143 Integrating Art, Music, and Movement in the Early Childhood and Elementary Classroom
- EDU 3163 Teaching Integrated Math in the Early Childhood and Elementary Classroom
- EDU 3183 Teaching Integrated Science in the Early Childhood and Elementary Classroom
- EDU 3311 Field Experience Level 2 in Lower Elementary (Grades 1-3)
- EDU 3321 Field Experience Level 2 in Upper Elementary (Grades 4-6)
- EDU 3503 Curriculum Planning and Assessment
- EDU 3823 Behavior and Classroom Management in the Early Childhood and Elementary Classroom
- EDU 4593 Spiritual Issues in Public Schools
- EDU 4623 Teaching Diverse Learners
- EDU 4691 Student Teaching Seminar
- EDU 4929 Student Teaching in the Elementary 1-6 School
- KIN 3093 Responding to Emergencies – *or documentation of current CPR certification*
- MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers

Intercultural Studies Coursework (12 hours)

- CHR 3073 Introduction to Disciple-making and Evangelism
- ICS 2013 Anthropology for Cross-Cultural Service
- ICS 3023 Cross-Cultural Life and Service
- ICS 4313 World Religions

Recommended Coursework (3 hours)

For Global Education majors who have room in their schedule, it is highly recommended to take COM 3333 Intercultural Communication

Bachelor of Arts Degree: Global Education - Middle School (grades 5-9)

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Bachelor of Arts/General Education Requirements.)

Bachelor of Science Degree: Global Education - Middle School (grades 5-9)

The Bachelor of Science in Global Education degree with a middle school focus is a total of 128-136 hours, depending on the chosen content area. Currently offered on the Bolivar campus, Global Education majors must complete prescribed coursework in middle school education in order to receive initial certification. This includes a minimum of 24 semester hours in one area of concentration (language arts, mathematics, science, or social science). Other coursework includes University general education requirements (with modifications for Global Education majors) and selected classes from Intercultural Studies and Christian Ministry areas. A copy of the certificate planning sheets and trial four-year plans in each area of certification may be obtained from the Division of Education or on the Division of Education website. Students will complete the student teaching semester in another country in an approved, accredited school with a certified cooperating teacher and an SBU-approved university supervisor overseeing their experience.

General Education Requirements

Southwest Baptist University's Division of Education requires that the following courses be taken by

Global Education teacher candidates (specific general education courses – alternate general education courses must be approved by the Division of Education):

- HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance OR
- HIS 1123 Introduction to the History of World Civilization: From the Renaissance to Present (in place of HIS 2213 or 2223)
- ICS 291I Cross-Cultural Service Project (two mission trips; meets Fine Arts/Cultural Studies requirement)
- MAT 1243 Algebraic Reasoning and Modeling

Professional Education Coursework (70-78+ hours)

- EDU 2113 Educational Psychology
- EDU 2131 Field Experience Level I (observing/assisting) in Middle School/Jr. High
- EDU 2313 Foundations of Education
- EDU 2483 School, Home, and Community Collaboration
- EDU 2823 Technology for Educators
- EDU 3013 Analyzing and Amending Reading Problems
- EDU 3043 Learner Development and the Classroom
- EDU 3331 Field Experience Level 2 in Middle School
- EDU 3613 Content Area Literacy
- EDU 3833 Behavior and Classroom Management – Secondary
- EDU 4473 Psychology of the Middle School Student
- EDU 4493 Middle School Curriculum
- EDU 45__ Methods of Teaching in Primary Area (2-3 hours)
- EDU 4593 Spiritual Issues in Public Schools
- EDU 4623 Teaching Diverse Learners
- EDU 4691 Student Teaching Seminar
- EDU 4832 Assessment and Evaluation of Learners
- EDU 4939 Student Teaching in the Middle 5-9 School

Content Areas (choose one)

Language Arts (24 hours)

- ENG 1113 English Composition I
- ENG 2213 English Composition II *or* ENG 1123 English Composition (Honors)
- ENG 3413 Survey of World Literature
- ENG 3353 Advanced Composition
- ENG 3373 Structure of the English Language
- ENG 3303 American Literature for Young Adults
- ENG ____ American Literature Elective
- EDU/ENG 4543 Methods of Teaching Writing

Mathematics (24-25 hours)

- MAT 1243 Algebraic Reasoning and Modeling
- MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers

- MAT 1195 Calculus I
- MAT 3343 Mathematical Statistics
- MAT 3353 Integrated Math
- MAT 3372 Math Technologies
- MAT 3382 History of Mathematics
- 2-3 hours of upper division math electives

Science (25 hours)

- BIO 1003 Principles of Biology/ BIO 1001 Principles of Biology Lab
- BIO 2134 General Zoology or BIO 2234 General Botany
- BIO 3334 Ecology or BIO 2213 Environmental Biology
- PHS 2005 Physical Science for Elementary/Middle School Teachers
- PHS 3303 History/Philosophy of Science/Technology
- CHE 1114/CHE 1111 General Chemistry I and Lab

Social Science (24 hours)

- HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance
- HIS 1123 Introduction to the History of World Civilization: From the Renaissance to the Present
- HIS 2213 History of the U.S.I or HIS/HON 2013 Honors U.S. History I
- HIS 2223 History of the U.S. II
- POL 1113 American Government and Politics or POL/HON 1013 Honors American Government and Politics
- POL 2223 American State and Local Government
- GEO 1103 Geography
- ECO 2023 Principles of Microeconomics or ECO 2033 Principles of Macroeconomics

Intercultural Studies Coursework (12 hours)

- CHR 3073 Introduction to Disciple-making and Evangelism
- ICS 2013 Anthropology for Cross-Cultural Service
- ICS 3023 Cross-Cultural Life and Service
- ICS 4313 World Religions

Recommended Coursework (3 hours)

For Global Education majors who have room in their schedule, it is highly recommended to take COM 3333 Intercultural Communication.

Associate Degrees in Teaching

Students pursuing the *Associate of Arts in Teaching* must complete the following requirements:

- General Education Requirements – some options are specified (44 hours)
- Graduation Requirements – includes a foreign language (16-18 hours)
- Education Coursework: EDU 2113, 2121 or 2131 or 2141, 2313 and 2823 (10 hours)
- **Total: 70-72 hours**

Students pursuing the *Associate of Science in Teaching* must complete the following requirements:

- General Education Requirements – some options are specified (44 hours)

- Graduation Requirements (10 hours)
- Education Coursework: EDU 2113, 2121 or 2131 or 2141, 2313 and 2823 (10 hours)
- **Total: 64 hours**

Division of Kinesiology

Division Head: TJ John

Office: Jane and Ken Meyer Wellness and Sports Center Room 229; (417) 328-1988

Faculty: Jason Halverson, John Hinsley, and Gina Whitehead

Mission Statement

To prepare students to glorify God through maintaining healthy lifestyles and lead others in the pursuit of wellness attitudes and activities.

Physical Education

Recognizing that mental cognition and efficiency is dependent upon organic health and vigor, and with the philosophy that training and development of the body should be as systematic and thorough as training of the mind, programs for individual and team physical enhancement are offered in health and physical education. Fundamentals of sports and athletic skills are taught and opportunities for participation are provided through various physical education programs. This program leads to Missouri teacher certification in grades K-12. Students desiring to pursue a career in a sports related area other than teaching may pursue a major in Sport Management. A physical education major must pursue a course of study that leads to either the bachelor of arts degree or the bachelor of science degree.

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

Physical Education Certification K-12

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

- KIN 1023 Individual and Team Activities (3 hours)
- KIN 1033 Foundations of Physical Education (3 hours)
- KIN 1163 Foundations of Physical Fitness/Wellness for Professionals (3 hours)
- KIN 2023 Perceptual Motor Development (3 hours)
- KIN 2133 Principles of Human Anatomy (3 hours)
- KIN 2143 Lifetime Activities (3 hours)
- KIN 2243 Nutrition (3 hours)
- KIN 3043 Analysis of Basic Rhythms (3 hours)
- KIN 3053 Measurement and Evaluation in Sport (3 hours)
- KIN 3073 Physiology of Exercise (3 hours)
- KIN 3083 Care and Prevention of Athletic Injury (3 hours)
- KIN 3093 Responding to Emergencies (3 hours)
- KIN 3133 Teaching Elementary Physical Education (3 hours)

- KIN 4003 Kinesiology (3 hours)
- KIN 4013 Sport in American Society (3 hours)
- KIN 4043 Adapted Physical Education (3 hours)
- KIN 4533 Secondary Methods of Teaching Physical Education (3 hours)
- Professional Education Coursework – *see B.S. Degree Certification in Content Areas, Grades 9-12, K-12* (39 hours)

Exercise Science Major – B.S. Degree

The exercise science major is designed for students interested in a career in personal training, biomechanics, or those students who intend to pursue post-graduate schooling/certification in physical therapy, athletic training, or exercise physiology. *Note:* Students are required to take KIN 1163, PSY 1013, and CHE 1114/CHE 1111 as a part of their general education and graduation requirement coursework. Students who are planning to attend Physical Therapy school may substitute PTH 2523 for NUR/HSC 1002.

Exercise Science Core Curriculum (38 hours)

- ESC 1013 Introduction to Exercise Science (3 hours)
- KIN 3083 Care and Prevention of Athletic Injury (3 hours)
- BIO 2204 Human Anatomy & Physiology I (4 hours)
- BIO 3304 Human Anatomy & Physiology II (4 hours)
- KIN 3093 Responding to Emergencies (3 hours)
- KIN 2023 Perceptual Motor Development (3 hours)
- KIN 3073 Physiology of Exercise (3 hours)
- KIN 4003 Kinesiology (3 hours)
- BEH 3243 Elementary Statistics (3 hours)
- KIN 2243 Nutrition (3 hours)
- ESC 4223 Functional Movement (3 hours)
- ESC 4833 Evidenced Based Practice (3 hours)

Rehabilitative Sciences Concentration (27 credit-hours)

- ESC 3114 Orthopedic Evaluation: Above Diaphragm (4 hours)
- ESC 3124 Orthopedic Evaluation: Below Diaphragm (4 hours)
- ESC 4034 Treatment and Rehabilitation (4 hours)
- ESC 3133 Pharmacology (3 hours)
- HSC 1013 Medical Terminology (3 hours) *or* PTH 2523 Introduction to Physical Therapy (Spring, Even)(3 hours)
- ESC 4043 Exercise Science Practicum (3 hours)
- ESC 4986 Exercise Science Internship (6 hours)

Strength and Conditioning/Personal Training Concentration (24 credit-hours)

- ESC 4023 Sports Nutrition (3 hours)
- ESC 4053 Biomechanical Analysis (3 hours)
- KIN 4773 Principles of Strength & Conditioning (3 hours)
- ESC 4223 Functional Movement (3 hours)

- ESC 4013 Tactical Strength and Conditioning (3 hours)
- ESC 4043 Exercise Science Practicum (3 hours)
- ESC 4986 Exercise Science Internship (6 hours)

Electives: Based on professional program of choice. Students must obtain 128 hours for graduation requirement.

- CHE 1114/CHE 1111 Chemistry and Lab (5 hours)
- CHE 1124/CHE 1121 Chemistry II and Lab (5 hours)
- PHY 1114/ PHY 1111 Physics I and Lab (5 hours)
- PHY 1124/PHY 1121 Physics II and Lab (5 hours)
- BEH 3063 Human Growth & Development (3 hours)
- KIN 1043 Personal Community Health (3 hours)
- ESC 4033 Special Populations (3 hours)
- ESC 3133 Pharmacology (3 hours)
- PSY 4373 Addictions (3 hours)
- BEH 3033 Abnormal Psychology (3 hours)
- BUS 2013 Business Communications (3 hours)
- COM 2233 Introduction to Public Relations (3 hours)
- MGT3013 Principles of Management (3 hours)
- HSC 1013 Medical Terminology (3 hours)
- PSY 3393 Introduction to Sports Psychology (3 hours)
- SOC 4083 Gerontology *or* SOC 3003 The Family (3 hours)

Other admission requirements for the SBU DPT should be obtained directly from the Division of Physical Therapy, Southwest Baptist University, Bolivar, MO, 65613, (417) 328 1672. Admissions to the SBU DPT program is based on competitive applications. Completion of the Exercise Science Major should not be construed as a guaranteed acceptance into the SBU DPT program, nor does it guarantee acceptance into physical therapy programs not associated with SBU. Students selecting this major are strongly encouraged to keep in close contact with both their Exercises Science Advisor and the DPT Admission Coordinator beginning with their first year of study.

Sport Management Major – B.A. or B.S. Degree

The sport management major is an interdisciplinary program designed for students interested in a career in sports related areas other than education. Students should complete all courses listed in the Core section and a concentration listed below. The B.A. degree requires 8 hours of a foreign language.

Sport Management Core Courses (34 hours)

- KIN 3093 Responding to Emergencies (3 hours)
- KIN 4001 Kinesiology Capstone (1 hour)
- KIN 4013 Sport in American Society (3 hours)
- MGT 3013 Principles of Management (3 hours)
- MKT 3023 Principles of Marketing (3 hours)
- BEH 3243 Elementary Statistics (3 hours)
- SPM 1113 Introduction to Sport Management (3 hours)
- SPM 2093 Athletic Event and Facility Management (3 hours)
- SPM 4023 Organization & Administration of Sport (3 hours)

- SPM 4043 Legal and Ethical Issues in Sport (3 hours)
- SPM 4986 Sport Management Internship (6 hours)

Sports Administration (9 hours)

- ACC 2013 Principles of Financial Accounting (3 hours)
- BUS 3073 Legal Environment of Business I (3 hours)
- SPM 4033 Applied Sport Marketing (3 hours)

Fitness and Wellness Administration (18 hours)

- KIN 1043 Personal and Community Health (3 hours)
- KIN 2133 Principles of Human Anatomy (3 hours)
- KIN 2243 Nutrition (3 hours)
- KIN 3073 Physiology of Exercise (3 hours)
- KIN 4003 Kinesiology (3 hours)
- KIN 4773 Principles of Strength Conditioning (3 hours)

Business (30 hours)

- ACC 2013 Principles of Financial Accounting (3 hours)
- BUS 2013 Business Communications (3 hours)
- BUS 3073 Legal Environment of Business I (3 hours)
- ECO 2023 Principles of Microeconomics (3 hours)*
- MGT 4033 Human Resource Management (3 hours)
- MGT 4043 Organizational Behavior and Theory (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- MKT 3073 Professional Selling (3 hours)
- MKT 3083 Advertising (3 hours)
- SPM 4033 Applied Sport Marketing (3 hours)

*ECO 2023 may replace the general education requirement ECO 2003

Athletic Training

Program Director: TJ John

Office: Meyer Sports Center Athletic Training Laboratory; (417) 328-1988

Mission Statement

The Athletic Training Education Program at Southwest Baptist University is a Christ-centered academic unit providing quality didactic and relevant clinical experiences preparing entry level athletic training students to be skilled, dedicated, caring, and ethical allied health professionals.

Athletic Training and Sports Medicine Goals (est. 3/9/2017)

Upon successful completion of the respective program, graduates will be able to:

- Sit for, and pass the any of the National Academy of Sports Medicine credentials; Corrective Exercise Specialist (CES), Performance Enhancement Specialist (PES) and Fitness Nutrition Specialist (FNS), and Functional Movement Screen® (FMS) certification exams.

- Sit for, and pass the National Strength and Conditioning Association's Certified Strength and Conditioning Specialist credential.
- Successfully matriculate to post-graduate allied health professional programs in athletic training, physical therapy, occupational therapy, physician assistant, chiropractic and medical school.
- Serve the community and the profession in an ethical and responsible manner, and
- Pursue lifelong learning through appropriate continuing and post professional education.

Description of Program

The baccalaureate degree in Sports Medicine requires a minimum of 128 semester hours of credit earned by completion of the University general education and graduation requirements, the Sports Medicine major requirements and required support courses.

The athletic training and sports medicine program at Southwest Baptist University is a professional allied health program. It is expected that students will achieve and adhere to appropriate standards for successful matriculation, policies and procedures and maintain requirements for the clinical education of the student.

Clinical Courses: As part of the baccalaureate degrees in Athletic Training and Sports Medicine, students are required to actively participate and successfully complete clinical courses in an allied health care setting. These clinical courses are completed during the normal academic semesters. The student will be given an individual education plan based on post-professional interest.

Area of Athletic Training and Sports Medicine Assessment

Periodic measurements of the student's perceptions, intellectual growth, clinical performance, and professional behaviors are obtained as one means for the University to assess and improve its academic programs and student learning. The information obtained is used to measure the competencies and proficiencies and to determine and improve the quality of the educational experience for students. An overall grade point average of 2.5 is required in all Sports Medicine courses and support courses towards the Bachelor of Science in Sports Medicine.

Disclaimer Statement: Southwest Baptist University is currently accredited by the Commission on Accreditation of Athletic Training Education (CAATE), 6850 Austin Center Blvd., Suite 100, Austin, TX 78731-3101. The program has chosen to Voluntarily Withdraw its CAATE Accreditation effective May 31, 2022.

Students accepted into the 2017 cohort are eligible to sit for the BOC exam. Students after the 2017 cohort may only declare the Sports Medicine major. The program will no longer admit AT Majors after the 2017 cohort.

College of Professional Programs – Associate's Degrees and Minor Programs

Students may complete minors in Computer Science, Computer Information Science, Cybersecurity, Mathematics, and Statistics. Electives must be approved by the program advisor in the College of Professional Programs. Course requirements are as follows:

Computer Science Minor (23 hours)

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

- CIS 1144 Computer Science I (4 hours)
- CIS 1154 Computer Science II (4 hours)
- CIS 3413 Machine Organization (3 hours)
- MAT 1173 Discrete Mathematics (3 hours)
- CIS 2000 level or above (9 hours)

Computer Information Science Minor (23 hours)

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

- CIS 1144 Computer Science I (4 hours)
- CIS 1154 Computer Science II (4 hours)
- CIS 2213 Introduction to Systems Analysis and Design (3 hours)
- MAT 1173 Discrete Mathematics (3 hours)
- CIS 2000 level or above (9 hours)

Cybersecurity Minor (20-22 hours)*

- CIS 1144 Computer Science I (4 hours)
- CIS 1163 Introduction to Cybersecurity (3 hours)
- *Select two of the following support courses (4-6 hours)*
 - CIS 1141 Introduction to Linux and Scripting (1 hour)
 - CIS 2013 Networks (3 hours)
 - CIS 2043 System Administration (3 hours)
 - CIS 4423 Operating Systems (3 hours)
- *Select three of the following cybersecurity courses (9 hours)*
 - CIS 2033 Principles of Information Assurance (3 hours)
 - CIS 3013 Digital Forensics Principles and Practices (3 hours)
 - CIS 3023 Network Security (3 hours)
 - CIS 3033 Secure Software (3 hours)
 - CIS 4453 Systems Security (3 hours)
 - CIS 4463 Ethical Hacking (3 hours)
 - PSY 2033 Social Engineering (3 hours)

**Note:* Students with majors in the Area of Computing may not count CIS 2013 toward a Cybersecurity minor. Computer Science majors may not count CIS 4423 towards a Cybersecurity minor. AIA majors may not count CIS 2033 or CIS 3013 towards a Cybersecurity minor. Cybersecurity Management majors may not count CIS 1141, CIS 2033, or CIS 2043 towards a Cybersecurity minor. Some courses have prerequisites.

Mathematics Minor (19 hours)

- MAT 1195 Calculus I (5 hours)
- MAT 2255 Calculus II (5 hours)
- Three other non-freshman mathematics courses, excluding MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers, MAT 3221 Mentorship in Computing and Mathematics, and MAT 3391 Preparing For Secondary Mathematics Teacher Certification Exam
- Required Support Courses – *select one of the following courses:*
 - CIS 1033 Foundations of Computer Science (3 hours)
 - CIS 1144 Computer Science I (4 hours)

Sport Management Minor (18 hours)

- KIN 4013 Sport in American Society (3 hours)
- SPM 1113 Introduction to Sport Management (3 hours)
- SPM 2093 Athletic Event and Facility Management (3 hours)
- SPM 4023 Organization and Administration of Sport (3 hours)
- SPM 4033 Applied Sport Marketing (3 hours)
- SPM 4043 Legal and Ethical Issues in Sport (3 hours)

Minor in Statistics (15-17 hours)

- MAT 1195 Calculus I (5 hours) *or* MAT/BUS 1193 Business Calculus (3 hours)
- MAT 3343 Mathematical Statistics *or* BEH 3243 Elementary Statistics *or* BUS 2023 Business Statistics (3 hours)
- MAT 3323 Linear Algebra (3 hours)
- MAT 4343 Mathematical Statistics II (3 hours)
- MAT 3473 Analysis of Variance (3 hours)

Students majoring in Mathematics and minoring in Statistics cannot count MAT 4343 or MAT 3473 toward a Mathematics major. Students minoring in Mathematics and minoring in Statistics cannot count MAT 3343, MAT 3323, MAT 4343, or MAT 3473 toward a Mathematics minor.