

## College of Professional Programs

Troy Bethards, Dean

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<https://www.SBUniv.edu/academics/colleges/cobacs.php>

### *Divisions Within the College*

- Business
- Computing and Mathematics
- Education
- Kinesiology

### *Mission Statement*

We equip students to pursue academic excellence through professional programs with a biblical worldview in a caring environment committed to the principles of free enterprise. (To be revised during the Academic Year 2020-2021)

### *Vision Statement*

We strive to be the premier academic college of professional programs among evangelical Christian universities, preparing Christ-centered servant leaders who leverage their academic programs for Kingdom service. (To be revised during the Academic Year 2020-2021)

### *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 our 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 program at Southwest Baptist University has been accredited by ABET.

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

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

The traditional business administration programs that are accredited include Management, Marketing, Economics/Finance, Public Relations, and International Business. The programs offered within the Business Division that are not accredited by ACBSP include the General Business (Non-Traditional), B.S. which is primarily offered on the online campus. Furthermore, the following majors are not currently accredited: Computational Finance, Digital Marketing, and Sport 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 business and computer science. Using Psalm 15 as a basis, eight character traits that should be hallmarks of students and graduates of the College have been identified. These character traits are highlighted each semester and include: Integrity, Service, Respect, Charity, Faithfulness, Truthfulness, Humility, and Perseverance. Mandatory Psalm 15 Lectures are held each semester featuring guest lecturers who speak on the specific theme for that semester and relate personal experiences that highlight integrity and a Christian worldview for business leaders.

### ***General Information***

The College offers undergraduate degree programs with majors and minors within nine 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 Business***

Division Head: Nathan Wright

Office: Taylor 123; (417) 328-1753

*Faculty:* Troy Bethards, Levi Bridge, Angela Brown-Peterson, Kristin Hamm, Ryder King, David Liu, , Jenell Wagner, John Zietlow

*Faculty Associates:* Denby Bash, Jeremy MacLaughlin, William Marr

### ***Mission Statement***

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

All students pursuing a program within the Business Division must maintain a minimum GPA of 2.25 and earn no more than two “D” letter grades within the Business core curriculum. Students also are

required to maintain a minimum GPA of 2.25 and earn no more than one “D” letter grade within courses specific to the major (This does not apply to majors within the Accounting area. Refer to the Accounting area for requirements related to their majors).

All students pursuing a major from the Business Division are required to complete a common body of knowledge, referred to as the “Business Core Curriculum,” in addition to the University’s general education requirements, graduation requirements and the courses required and approved for students’ majors within the College. The 45-hour Business Core Curriculum includes the following courses:

### **Business Core Curriculum (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 3303 Systems Management (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

### **Area of Accounting**

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

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

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

In order to progress into the accounting major or minor and be eligible to enroll in ACC 3023 or ACC 3024, a student must have at least a 3.00 cumulative GPA in all previous accounting classes, a 2.75

cumulative GPA in all classes taken at SBU, and at least a “B” grade in BUS/MAT 1193, MAT 1195, or its equivalent. Remedial courses such as ENG 0103 and MAT 0243 do not count toward the 2.75 overall GPA. Transfers to SBU must have at least a cumulative 2.75 GPA and must meet the above requirements concerning GPA on classes taken at SBU before becoming eligible for upper-level Accounting courses. Accounting majors or minors must make at least a “C” grade in all upper-level (3000 and above) accounting coursework.

### **Accounting Major – B.S. Degree (39 hours)**

In addition to the “Business Core Curriculum” of 45 hours, the Accounting Major must complete the following requirements:

- ACC 3023 Managerial Cost Accounting (3 hours)
- ACC 3024 Intermediate Accounting I (4 hours)
- ACC 3034 Intermediate Accounting II (4 hours)
- ACC 3033 Accounting Information Systems (3 hours)
- ACC 3063 Tax Accounting I (3 hours)
- ACC 3073 Tax Accounting II (3 hours)
- ACC 3133 Financial Information Applications & Analysis (3 hours)
- ACC 4013 Advanced Accounting (3 hours)
- ACC 4044 Auditing (4 hours)
- ACC 4053 Accounting for Government and Not-for-Profit Entities (3 hours)
- BUS 3083 Business Enterprise/Debtor and Creditor Rights (3 hours)
- ECO 3023 Money and Banking (3 hours)

### **Accounting & Information Assurance Major – B.S. Degree (58 hours)**

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

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

### **Area of Business**

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

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

In addition to the “Business Core Curriculum” of 45 hours, the Computational Finance major must complete the following requirements:

- CIS 1033 Foundations of Computer Science\* (3 hours)
- CIS 1144 Computer Science I (4 hours)
- CIS 1154 Computer Science II (4 hours)
- CIS 2253 Web Engineering and Development (3 hours)
- ECO 3023 Money and Banking (3 hours)
- FIN 3003 Personal Financial Planning (3 hours)
- FIN 4033 Introduction to Derivatives (3 hours)
- FIN 4055 Investments (3 hours)
- FIN 4073 Insurance (3 hours)
- MAT 1173 Discrete Mathematics\*\* (3 hours)
- *Plus 3 hours of upper-level Business, Accounting or Computing courses (3 hours)*

\* CIS 1033 can replace the general education requirement CIS 1103.

\*\* MAT 1173 can replace the “College Core Curriculum” requirement BUS 1193.

### **Digital Marketing Major – B.S. Degree (33-39 hours)**

In addition to the “Business Core Curriculum” of 45 hours, the Digital Marketing major must complete the following requirements:

- ART 2703 Introduction to Graphic Design (3 hours)
- ART 4713 Graphic Design Portfolio II (3 hours)
- CIS 1033 Foundations of Computer Science\* (3 hours)
- CIS 1144 Computer Science I (4 hours)
- CIS 1154 Computer Science II (4 hours)
- CIS 2003 Web Design (3 hours)
- CIS 2253 Web Engineering and Development (3 hours)
- MAT 1173 Discrete Mathematics\*\* (3 hours)
- MKT 3033 Consumer Behavior (3 hours)
- MKT 3083 Advertising (3 hours)
- MKT 4253 Digital and Social Media Marketing (3 hours)
- *Plus 4 hours upper-level Business, Accounting, Computing or ART courses (4 hours)*

\* CIS 1033 can replace the general education requirement CIS 1103.

\*\* MAT 1173 can replace the “College Core Curriculum” requirement BUS 1193.

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

In addition to the “Business Core Curriculum” of 45 hours, the Economics/Finance major must complete the following requirements:

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

**International Business Major – B.S. Degree (27 hours)**

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

- BUS 4053 International Business (3 hours)
- BUS 4773 International Experience (3 hours)
- COM 3333 International Communication (3 hours)
- ECO 3053 International Economics/Finance (3 hours)
- ICS 2013 Cultural and Global Awareness *or* ICS 4313 World Religions (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- POL 3313 International Relations *or* POL 3323 Comparative Government (3 hours)
- *Plus 3 hours of upper-level Business, Accounting or Computing courses (3 hours)*
- *Plus one of the following courses (3 hours)*
  - ECO/FIN 4173 History of Finance and Economic Thought
  - MGT 4043 Organizational Behavior and Theory
  - MKT 4253 Digital and Social Media Marketing

**Management Major – B.S. Degree (27 hours)**

In addition to the “Business Core Curriculum” of 45 hours, the Management major must complete the following requirements:

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

### **Marketing Major – B.S. Degree (27 hours)**

In addition to the “Business Core Curriculum” of 45 hours, the Marketing major must complete the following requirements:

- ART 2703 Introduction to Graphic Design (3 hours)
- MKT 3033 Consumer Behavior (3 hours)
- MKT 3073 Professional Selling (3 hours)
- MKT 3083 Advertising (3 hours)
- MKT 4013 Marketing Research (3 hours)
- MKT 4023 Marketing Management (3 hours)
- MKT/MGT 4153 Retailing (3 hours)
- MKT 4253 Digital and Social Media Marketing (3 hours)
- *Plus 3 hours of upper-level Business, Accounting or Computing courses (3 hours)*

### **Public Relations Major – B.S. Degree (27 hours)**

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

- ART 2703 Introduction to Graphic Design (3 hours)
- COM 2233 Introduction to Public Relations (3 hours)
- COM 3263 Public Relations and Crisis Management (3 hours)
- MKT 3033 Consumer Behavior (3 hours)
- MKT 3083 Advertising (3 hours)
- MKT 4253 Digital and Social Media Marketing (3 hours)
- *Plus 3 hours of upper-level Business, Accounting or Computing courses (3 hours)*
- *Plus two of the following courses (6 hours)*
  - COM 2023 Introduction to Sports Communication
  - COM 3163 Nonprofit Public Relations
  - COM 3313 Advanced Public Speaking
  - COM 3343 Multi-Media Productions for Nonprofit Organizations
  - COM 3353 Organizational Communications
  - COM 3373 Writing and Editing for Journalism

### **Sport Business Major – B.S. Degree (27 hours)**

In addition to the “Business Core Curriculum” of 45 hours, the Sport Business major must complete the following requirements:

- COM 2023 Introduction to Sports Communication (3 hours)
- SPM 2093 Athletic Event and Facility Management (3 hours)
- SPM 4023 Organization and Administration of Sport (3 hours)
- MGT 4043 Organizational Behavior and Theory (3 hours)
- MGT 4063 Entrepreneurship and Small Business (3 hours)
- SPM III3 Introduction to Sport Management (3 hours)
- *Plus 3 hours of upper-level Business, Accounting or Computing courses (3 hours)*
- *Plus two of the following courses (6 hours)*
  - MKT 3033 Consumer Behavior
  - MKT 3073 Professional Selling

- MKT 3083 Advertising
- MKT/MGT 4153 Retailing
- MKT 4253 Digital and Social Media Marketing

### **General Business Major – B.S. Degree (54 hours)**

The Bachelor of Science degree in General Business requires completion of a modified “Business Core Curriculum” (39 hours) and an additional 15 hours of business courses, as well as all general education and graduation requirements for the Bachelor of Science degree. The B.S. degree in General Business is designed for students enrolled primarily through the University’s online campus, Salem campus, and the Mountain View campus. Bolivar campus students may be permitted to enroll in the General Business major with the approval of the Business Division Head and the Dean of the College of Professional Programs.

The General Business major must complete the following requirements:

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

### ***Division of Computing and Mathematics***

Division Head: Kevin Hopkins

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

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

*Faculty Associates:* Angela Carr

### **Mission Statement**

We strive to provide a sound educational foundation to students in the computing and mathematics disciplines from a Christian perspective. (To be revised in Academic year 2020-2021)

### **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 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, 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 (50 hours)
  - CIS 3353 Programming Languages and Artificial Intelligence (3 hours)
  - CIS 4423 Operating Systems (3 hours)
  - CIS 4433 Numerical Methods (3 hours)
  - *Plus one of the following seven courses: CIS 2003, 2253, 3023, 3033, 3113, 3313, or 3363 (3 hours)*
  - MAT 1173 Discrete Mathematics (3 hours)
  - MAT 1195 Calculus I (5 hours)
  - MAT 2255 Calculus II (5 hours)
  - MAT 2263 Calculus III (3 hours)
  - MAT 3323 Linear Algebra (3 hours)
  - MAT 3343 Mathematical Statistics (3 hours)
  - PHY 2215 University Physics I (5 hours)
  - *Plus 5 hours from physics, chemistry, biology or mathematics, 2000 level or above (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 3303 Systems Management (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)
    - *One of the following five courses:* CIS 2253, 3033, 3113, 3353, or 3363 (3 hours)
    - MAT 1173 Discrete Mathematics (3 hours)

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

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

- Required General Education Courses (42 hours)
  - *Note:* CIS 1033 is the required and MAT 1243 or higher math is required. MAT 1243 (or higher math class) is a required co-requisite with CIS 1154.
- Required General Education 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 (45 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 (54-56 hours)
  - CIS 1033 Foundations of Computer Science (3 hours)
  - 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 three courses:* BUS 3073, SOC 4033, CRJ 4333 (3 hours)

### **Web Systems and Design Major – B.S. Degree**

The courses below are in addition to 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 (45 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 cumulative GPA of 2.75, a GPA of 3.0 in Mathematics coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the 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, Dwight Haun, Charles Lentz, Scott Morrison, Sarah Russback (Mountain View), Tamara Samek, Colleen Shuler

*Coordinator of Teacher Education:* Dwight Haun

*Certification Officer and Coordinator of Clinical Experiences:* Ken Spurgeon

### **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 both initial certification and second areas of certification as listed in the table below. Total hours must meet SBU's graduation requirements. The Teacher Education Program is also recognized by the Association of Christian Schools International (ACSI).

- Elementary 1-6
- 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 cumulative grade point average of 2.75 on a 4.0 scale, a grade point average of 3.0 in professional education coursework, a grade point average of 3.0 in the candidates' chosen area, and the approval of the 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 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 (67 hours)*

- EDU 2003 Curriculum Planning and Assessment
- EDU 2113 Educational Psychology
- EDU 2121 Field Experience Level 1 (for non-early childhood)
- EDU 2283 Methods of Teaching Number Theory in Elementary and Middle Schools
- EDU 2313 Foundations of Education
- EDU 2343 Emergent Literacy
- EDU 2353 Children's Literature
- EDU 2823 Technology for Educators
- EDU 3003 Teaching Social Sciences in the Early Childhood and Elementary Classroom
- EDU 3043 Learner Development and the Classroom
- EDU 3114 Teaching Reading/Language Arts in the Early Childhood and Elementary Classroom I
- EDU 3124 Teaching Reading/Language Arts in the Early Childhood and Elementary Classroom II
- EDU 3143 Integrating Art, Music, and Movement in the Early Childhood and Elementary Classroom
- EDU 3163 Teaching Integrated Math in the Early Childhood and Elementary Classroom
- EDU 3183 Teaching Integrated Science in the Early Childhood and Elementary Classroom
- EDU 3311 Field Experience Level 2 in Lower Elementary (Grades 1-3)
- EDU 3321 Field Experience Level 2 in Upper Elementary (Grades 4-6)
- EDU 3483 School, Home and Community Collaboration
- EDU 3823 Behavior and Classroom Management in the Early Childhood and Elementary Classroom
- EDU 4623 Teaching Diverse Learners (Block)
- EDU 4691 Student Teaching Seminar
- EDU 4929 Student Teaching in the Elementary 1-6 School (Block)
- 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 (89-91 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 2463 Foundations of Middle School
- 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 4623 Teaching Diverse Learners (Block)
- EDU 4691 Student Teaching Seminar
- EDU 4832 Assessment and Evaluation of Learners (Block)
- EDU 4939 Student Teaching in the Middle 5-9 School (Block)

*Language Arts (24 hours)*

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

*Mathematics (24-25 hours)*

- MAT 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 1004 Principles of Biology

- BIO 2134 General Zoology *or* BIO 2234 General Botany
- BIO 3334 Ecology *or* BIO 2213 Environmental Biology
- PHS 2005 Physical Science for Elementary/Middle School Teachers
- PHS 3303 History/Philosophy of Science/Technology
- CHE 1115 General Chemistry I

*Social Science (24 hours)*

- HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance
- HIS 1123 Introduction to the History of World Civilization: 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 (40-45 hours)*

- EDU 2113 Educational Psychology

- EDU 2141 Field Experience Level 1 (observing/assisting) – Secondary
- EDU 2313 Foundations of Education
- EDU 2823 Technology for Educators
- EDU 3013 Analyzing & Amending Reading Problems – *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 4623 Teaching Diverse Learners (Block) – *for Physical Education K-12, take KIN 4043*
- EDU 4691 Student Teaching Seminar
- EDU 4832 Assessment and Evaluation of Learners (Block)
- EDU 4949 Student Teaching Secondary 9-12 School (Block) *or* EDU 4959 Student Teaching in the K-12 School (Block)

### **Associate Degrees in Teaching**

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

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

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

- General Education Requirements – some options are specified (44 hours)
- Graduation Requirements (10 hours)
- Education Coursework: EDU 2113, 2121, 2313 and 2823 (10 hours)
- **Total: 64 hours**

### ***Division of Kinesiology***

Division Head: TJ John

Office: HPER/Athletic Suite, Jane and Ken Meyer Wellness and Sports Center; (417) 328-1988

*Faculty:* Jason Halverson, Russell Hendrix, 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 cumulative GPA of 2.75, a GPA of 3.0 in physical education coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the 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* (36 hours)

### **Exercise Science Major – B.S. Degree**

The exercise science major is designed for students interested in a career in personal training, biomechanics, or those students who intend to pursue post-graduate schooling/certification in physical therapy, athletic training, or exercise physiology. *Note:* Students are required to take KIN 1163, PSY 1013, and CHE 1115 as General Education courses. Students who are planning to attend Physical Therapy school may substitute PTH 2523 for NUR/HSC 1002.

#### *Exercise Science Core Curriculum (35 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 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 1115 Chemistry (5 hours)
- CHE 1125 Chemistry II (5 hours)
- PHY 1115 Physics I (5 hours)
- PHY 1125 Physics II (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 III3 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)

### **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, 2021.

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***

### **Associate of Science in Business**

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

### **Associate of Science in Business – A.S. Degree (15 hours)**

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

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

### **Associate of Applied Science in Business**

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

### **Associate of Applied Science in Business – A.A.S. Degree (33 hours)**

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

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

\* ECO 2023 fulfills the General Education requirement.

### **College of Professional Programs Minors**

Students may complete minors in Accounting, Business Administration, Computer Science, Computer Information Science, Cybersecurity, Economics, Financial Services, Leadership (an interdisciplinary minor), Management, or Marketing. Electives must be approved by the program advisor in the College of Professional Programs. Course requirements are as follows:

- Accounting Minor (19-20 hours) ACC 2013 Principles of Financial Accounting (3 hours)
- ACC 2043 Principles of Managerial Accounting (3 hours)
- ACC 3024 Intermediate Accounting I (4 hours)
- ACC 3023 Managerial Cost Accounting (3 hours)

- ACC 3063 Tax Accounting I (3 hours)
- Accounting elective(s): Junior or Senior level (3-4 hours)

### **Business Administration Minor (21 hours)**

(Not available to students with majors in the Division of Business.)

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

The courses required in the business administration minor are intended to serve as preparation for SBU's M.B.A. program.

### **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 CIS 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 hours)\***

- CIS 1144 Computer Science I (4 hours)
- CIS 1154 Computer Science II (4 hours)
- CIS 1163 Introduction to Cybersecurity (3 hours)
- *Select one of the following support courses (3 hours)*
  - CIS 2013 Networks (3 hours)
  - CIS 2043 System Administration (3 hours)
  - CIS 4423 Operating Systems (3 hours)
- *Select two of the following cybersecurity courses (3 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 CIS Area may not count CIS 2013 toward a Cybersecurity minor. Computer Science majors may not count CIS 4423 towards a Cybersecurity minor. Some courses have prerequisites.

### **Economics Minor (18 hours)**

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

### **Financial Services Minor (21 hour)**

- ACC 2013 Principles of Financial Accounting (3 hours)
- ACC 2043 Principles of Managerial Accounting (3 hours)
- FIN 3053 Business Finance (3 hours)
- FIN 3003 Personal Financial Planning (3 hours)
- *Select three of the following courses* (9 hours)
  - ECO 3023 Money and Banking
  - FIN 4033 Introduction to Derivatives
  - FIN 4053 Investments
  - FIN 4073 Insurance
  - FIN/ECO 4173 History of Finance and Economic Thought

### **Leadership Minor (21 hours – Salem Campus Only)**

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

A maximum of three hours may be taken to satisfy a minor requirement and a major requirement. Eighteen hours must be unduplicated and satisfied by course work chosen in consultation with and approval from the advisor. This minor is available only on the Salem campus and is not part of the business curriculum as it relates to the College of Professional Programs' 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

**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
- Required Support Courses – *select one of the following courses*:
  - CIS 1033 Foundations of Computer Science (3 hours)
  - CIS 1144 Computer Science I (4 hours)

**Minor in Statistics (15-17 hours)**

- MAT 1195 Calculus I (5 hours) *or* MAT/BUS 1193 Business Calculus (3 hours)
- MAT 3343 Mathematical Statistics *or* BEH 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.