



Southwest Baptist UNIVERSITY

BACHELOR OF SCIENCE IN MATHEMATICS

FRESHMAN - FALL SEMESTER

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|----------------------|--------------------------------------|-----------|
| BIB 1013 | Values: Old Testament History | 3 |
| ENG 1113 | Communication: English Composition I | 3 |
| MAT 1195 | Reasoning: Calculus I | 5 |
| UNI 1111 | Opportunities: University Seminar | 1 |
| CIS 1033 | Foundations of Computer Science | 3 |
| Total Credits | | 15 |

FRESHMAN - SPRING SEMESTER

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|----------------------|--|-----------|
| UNI 1121 | Reasoning: Introduction to Critical Thinking | 1 |
| DISCOVER | Communication: (Composition Options) | 3 |
| CIS 1144 | Computer Science I | 4 |
| MAT 2255 | Calculus II | 5 |
| MAT 3332 | Symbolic Logic and Set Theory | 2 |
| Total Credits | | 15 |

SOPHOMORE - FALL SEMESTER

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|----------------------|--|-----------|
| DISCOVER | Communication: (Communication Options) | 3 |
| DISCOVER | Society: (American Studies Options) | 3 |
| MAT 2263 | Calculus III | 3 |
| MAT 3323 | Linear Algebra | 3 |
| MAT 3343 | Mathematical Statistics | 3 |
| Total Credits | | 15 |

SOPHOMORE - SPRING SEMESTER

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|-------------------------|--|-----------|
| DISCOVER | Enrichment: (Enrichment Options) | 3 |
| DISCOVER | Inquiry: (Math Inquiry Options) | 4 |
| DISCOVER | Values: (Cultural Awareness Options) | 2 |
| DISCOVER | Values: (Spiritual Formation Options) | 2 |
| MAT 3313 or ELECTIVE | Abstract Algebra or Student Selection (upper-level) | 3 |
| Total Credits | | 14 |

JUNIOR - FALL SEMESTER

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|----------------------|---------------------------------------|-----------|
| DISCOVER | Society: (Social Studies Options) | 3 |
| SPF 3422 | Mathematics Through the Eyes of Faith | 2 |
| CHOICE | Mathematics Choice (upper-level) | 3 |
| ELECTIVE | Student Selection (upper-level) | 6 |
| ELECTIVE | Student Selection | 1 |
| Total Credits | | 15 |

JUNIOR - SPRING SEMESTER

| | | |
|-------------------------|--|-----------|
| BIB 1023 | Values: New Testament History | 3 |
| DISCOVER | Discipline: (Discipline Options) | 3 |
| MAT 3313 or ELECTIVE | Abstract Algebra or Student Selection (upper-level) | 3 |
| CHOICE | Mathematics Choice (upper-level) | 3 |
| ELECTIVE | Student Selection (upper-level) | 3 |
| Total Credits | | 15 |

SENIOR - FALL SEMESTER

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|----------------------|----------------------------------|-----------|
| MAT 4463 | Advanced Calculus | 3 |
| CHOICE | Mathematics Choice (upper-level) | 2 |
| ELECTIVE | Student Selection (upper-level) | 6 |
| ELECTIVE | Student Selection | 5 |
| Total Credits | | 16 |

SENIOR - SPRING SEMESTER

| | | |
|----------------------|----------------------------------|-----------|
| CHOICE | Mathematics Choice (upper-level) | 2 |
| ELECTIVE | Student Selection | 13 |
| Total Credits | | 15 |

DISCOVER Core Curriculum

Student Selection: Open Choice, Second Major Courses, or Minor Courses

Total Credits to Graduate: 120

Update Spring 2024