



## BACHELOR OF SCIENCE IN MATHEMATICS WITH SECONDARY CERTIFICATION

### FRESHMAN – FALL SEMESTER

MAT 1195	Calculus I	5
CIS 1033	Foundations of Computer Science	3
ENG 1113	English Composition I	3
EDU 2113	Educational Psychology	3
UNI 1111	University Seminar	1
<i>Total hours</i>		<i>15</i>

### FRESHMAN – SPRING SEMESTER

MAT 2255	Calculus II	5
ENG 2213	English Composition II	3
EDU 2313	Foundations of Education	3
POL 1113	American Government and Politics	3
MAT 3332	Symbolic Logic and Set Theory	2
UNI 1121	Critical Thinking	1
<i>Total hours</i>		<i>17</i>

### SOPHOMORE – FALL SEMESTER

MAT 2263	Calculus III	3
MAT 3323	Linear Algebra	3
COM 1103	Fundamentals of Speech Communication	3
KIN 1162	Foundations of Physical Fitness/Wellness	2
BIB 1013	Old Testament History	3
FAR 10_3	Intro. to Art, Fine Arts, Music or Theatre	3
EDU 2141	Field Experience Level I	1
<i>Total hours</i>		<i>18</i>

### SOPHOMORE – SPRING SEMESTER

MAT 3313	Abstract Algebra <i>[required; spring, even] or</i>	
ECO 2003	LIFE Economics	3
MAT 3353	Integrated Mathematics <i>[spring, even, or winterfest, odd] or</i>	
MAT 4483	Contemporary Geometry <i>[spring, odd]</i>	3
BIO 1004	Principles of Biology	4
BIB 1023	New Testament History	3
EDU 2823	Technology for Educators	3
<i>Total hours</i>		<i>16</i>

### JUNIOR – FALL SEMESTER

MAT 3343	Mathematical Statistics	3
MAT 3372	Math Technologies <i>[fall or Winterfest, even] or</i>	
SPF 2012	Introduction to Spiritual Formation	2
MAT 3382	History of Mathematics <i>[fall, odd] or</i>	
SCF 3422	Mathematics Through the Eyes of Faith <i>[support course-Fall or Winterfest, even]</i>	2
CHE/PHS	Physical science elective	4
EDU 3333	Principles and Methods of Secondary Instruction	3
EDU 3341	Field Experience Level 2	1
EDU 3613	Content Area Literacy	3
<i>Total hours</i>		<i>18</i>

### JUNIOR – SPRING SEMESTER

MAT 3313	Abstract Algebra <i>[required; spring, even] or</i>	
ECO 2003	LIFE Economics	3
MAT 3353 or 4483	<i>[both required]</i>	3
MAT 3391	Preparing for Secondary Math Certification Exam	1
	Cultural Studies	2-3
HIS 2213/2223	U.S. History I or II	3
EDU 4513	Methods of Teaching Math in the Middle and Secondary Schools	3
<i>Total hours</i>		<i>15-16</i>

### SENIOR – FALL SEMESTER

MAT 3372	Math Technologies <i>[fall or Winterfest, even] or</i>	
SPF 2012	Introduction to Spiritual Formation	2
MAT 3382	History of Mathematics <i>[fall, odd] or</i>	
SCF 3422	Mathematics Through the Eyes of Faith <i>[support course-Fall or Winterfest, even]</i>	2
MAT 4663	Advanced Calculus <i>[required]</i>	3
EDU 3043	Learner Development and the Classroom	3
EDU 3013	Analyzing & Amending Reading Problems	3
EDU 3833	Behavior and Classroom Management – Secondary	3
<i>Total hours</i>		<i>16</i>

### SENIOR – SPRING SEMESTER

EDU 4832	Assessment and Evaluation of Learners	2
EDU 4842	Teaching Diverse Learners	2
EDU 4949	Student Teaching Secondary	10
EDU 4691	Student Teaching Seminar	1
<i>Total hours</i>		<i>15</i>

*THIS IS A PROPOSED GUIDELINE.* Please check the catalog and see your advisor for your final degree requirements.

Southwest Baptist University reserves the right to make changes to degree plans without advanced notice or obligation.

The student is responsible for understanding and completing all general education, degree, departmental and graduation requirements.