



## BACHELOR OF SCIENCE IN MATHEMATICS (WITH STATISTICS MINOR)

### FRESHMAN – FALL SEMESTER

MAT 1195	Calculus I	5
CIS 1033	Foundations of Computer Science	3
ENG 1113	English Composition I	3
BIB 1013	Old Testament History	3
UNI 1111	University Seminar	1
<i>Total hours</i>	.....	15

### FRESHMAN – SPRING SEMESTER

MAT 2255	Calculus II	5
MAT 3332	Symbolic Logic and Set Theory	2
ENG 2213	English Composition II	3
BIB 1023	New Testament History	3
POL 1113	American Government and Politics	3
UNI 1121	Introduction to Critical Thinking	1
<i>Total hours</i>	.....	17

### SOPHOMORE – FALL SEMESTER

MAT 2263	Calculus III	3
MAT 3323	Linear Algebra	3
MAT 3343	Mathematical Statistics	3
CIS 1144	Computer Science I <i>(required for BS)</i>	4
COM 1103	Fundamentals of Speech Communication	3
<i>Total hours</i>	.....	16

### SOPHOMORE – SPRING SEMESTER

MAT 3363	Differential Equations or elective	3
MAT 4343	Mathematical Statistics II <b>or</b>	
MAT 3473	Analysis of Variance <i>(for statistics minor)</i>	3
FAR 10_3	Intro. to Art, Fine Arts, Music or Theatre	3
SPF 2012	Introduction to Spiritual Formation	2
	Cultural Studies	2-3
BIO 1004	Principles of Biology	4
<i>Total hours</i>	.....	17-18

### JUNIOR – FALL SEMESTER

SCF 3422	Mathematics Through the Eyes of Faith <i>(support course-Fall or Winterfest, even) or</i>	
MAT 3372	Math Technologies <i>(fall or Winterfest, even) or</i>	
MAT 3382	History of Mathematics <i>(fall, odd)</i>	2
MAT 4433	Numerical Methods <i>(fall, even) or</i>	
	Elective	2-3
ECO 2003	LIFE Economics	3
KIN 1162	Foundations of Physical Fitness/Wellness	2
CHE/PHS	Physical science elective	4
PSY 1013	General Psychology	3
<i>Total hours</i>	.....	16-17

### JUNIOR – SPRING SEMESTER

MAT 3313	Abstract Algebra <i>(spring, even) or</i>	
	Elective	3
MAT 3353	Integrated Mathematics <i>(spring, even, or Winterfest, odd) or</i>	
MAT 4483	Contemporary Geometry <i>(spring, odd)</i>	3
MAT 4343	Mathematical Statistics II <b>or</b>	
MAT 3473	Analysis of Variance <i>(for statistics minor)</i>	3
HIS 2213/2223	U.S. History I or II	3
	Electives <i>(Need 40 hours of upper-level courses)</i>	4
<i>Total hours</i>	.....	16

### SENIOR – FALL SEMESTER

SCF 3422	Mathematics Through the Eyes of Faith <i>(support course-Fall or Winterfest, even) or</i>	
MAT 3372	Math Technologies <i>(fall or Winterfest, even) or</i>	
MAT 3382	History of Mathematics <i>(fall, odd)</i>	2
MAT 4433	Numerical Methods <i>(fall, even) or</i>	
	Elective	2-3
MAT 4663	Advanced Calculus	3
	Electives	8
<i>Total hours</i>	.....	15-16

### SENIOR – SPRING SEMESTER

MAT 3313	Abstract Algebra <i>(spring, even) or</i>	
	Elective	3
MAT 3353	Integrated Mathematics <i>(spring, even, or Winterfest, odd) or</i>	
MAT 4483	Contemporary Geometry <i>(spring, odd)</i>	3
	Electives	9
<i>Total hours</i>	.....	15

*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.