BACHELOR OF SCIENCE IN MATHEMATICS

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
KIN 1162	Foundations of Physical Fitness/Wellness	2
UNI 1111	University Seminar	1
Total hours	17	

FRESHMAN – SPRING SEMESTER

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

SOPHOMORE – FALL SEMESTER

MAT 3343	Mathematical Statistics	3
MAT 2263	Calculus III	3
MAT 3323	Linear Algebra	3
CIS 1144	Computer Science I [required for BS]	4
COM 1103	Fundamentals of Speech Communication	3
Total hours	 16	

SOPHOMORE – SPRING SEMESTER

MAT 3313	Abstract Algebra *(spring, even)* **or**	
	Elective	3
MAT 3353	Integrated Mathematics	
	(spring, even, or Winterfest, odd) **or**	
MAT 4483	Contemporary Geometry *(spring, odd)* **or**	
MAT 3363	Differential Equations or elective	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
Total hours	 17-18	

JUNIOR – FALL SEMESTER

MAT 3372	Math Technologies *(fall or Winterfest, even)* **or**	
	Elective	2-3
MAT 3382	History of Mathematics *(fall, odd)* **or**	
SCF 3422	Mathematics Through the Eyes of Faith	
	[support course-Fall or Winterfest, even] **or**	
MAT 4433	Numerical Methods *(fall, even)*	2-3
ECO 2003	LIFE Economics	3
CHE/PHS	Physical science elective	4
	Foreign language if B.A. **or**	
	Elective	4
Total hours	 15-17	

JUNIOR – SPRING SEMESTER

MAT 3313	Abstract Algebra *(spring, even)* **or**	
	Elective	3
MAT 3353	Integrated Mathematics	
	(spring, even, or Winterfest, odd) **or**	
MAT 4483	Contemporary Geometry *(spring, odd)*	3
	Foreign language if B.A. **or**	
	Elective	4
HIS 2213/2223	U.S. History I or II	3
	Electives *(Need 40 hours of upper-level courses)*	4
Total hours	17	

SENIOR – FALL SEMESTER

MAT 3372	Math Technologies *(fall or Winterfest, even)* **or**	
	Elective	2-3
MAT 3382	History of Mathematics *(fall, odd)* **or**	
MAT 4433	Numerical Methods *(fall, even)* **or**	
	Elective	2-3
MAT 4663	Advanced Calculus	3
	Electives	8
Total hours	 15-17	

SENIOR – SPRING SEMESTER

MAT 3313	Abstract Algebra *(spring, even)* **or**	
	Elective	3
MAT 3353	Integrated Mathematics	
	(spring, even, or Winterfest, odd) **or**	
MAT 4483	Contemporary Geometry *(spring, odd)*	3
PSY 1013	General Psychology	3
	Electives	9
Total hours	18	

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.