Southwest Baptist University
UNIVERSITY 1878

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
Total hours	 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
Total hours	17	

SOPHOMORE – FALL SEMESTER

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

SOPHOMORE – SPRING SEMESTER

MAT 3363	Differential Equations or elective	3
MAT 4343	Mathematical Statistics II *or*	
MAT 3473	Analysis of Variance *[for statistics minor]*	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

SCF 3422	Mathematics Through the Eyes of Faith	
	[support course-Fall or Winterfest, even] **or**	
MAT 3372	Math Technologies *[fall or Winterfest, even]* **or**	
MAT 3382	History of Mathematics *[fall, odd]*	2
MAT 4433	Numerical Methods *[fall, even]* **or**	
	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
Total hours	16-17	

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
MAT 4343	Mathematical Statistics II *or*	
MAT 3473	Analysis of Variance *[for statistics minor]*	3
HIS 2213/2223	U.S. History I or II	3
	Electives *[Need 40 hours of upper-level courses]*	4
Total hours	 16	

SENIOR – FALL SEMESTER

SCF 3422	Mathematics Through the Eyes of Faith	
	[support course-Fall or Winterfest, even] **or**	
MAT 3372	Math Technologies *[fall or Winterfest, even]* **or**	
MAT 3382	History of Mathematics *[fall, odd]*	2
MAT 4433	Numerical Methods *[fall, even]* **or**	
	Elective	2-3
MAT 4663	Advanced Calculus	3
	Electives	8
Total hours	 15-16	

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
	Electives	9
Total hours	 15	