

# B.S. in Mathematics with 7-12 Certification Degree Plan

### Year 1

Fall Semester		Spring Semester	
Course	Credit Hours	Course	Credit Hours
MAT 1302 College Algebra*	3	MAT 1303 PreCalculus	3
ENG 1301 Composition 1	3	MAT 3311 Intro Probability Stats	3
GEC/Elective	3	ENG 1302 Composition 2	3
GEC/Elective	3	GEC/Elective	3
GEC/Elective	3	GEC/Elective	3
ASE	1		
Total Credit Hours: 16		Total Credit Hours: 15	

### Year 2

Fall Semester		Spring Semester	
Course	Credit Hours	Course	Credit Hours
MAT 1324 Calculus 1	3	MAT 1325 Calculus 2	3
MAT 3341 Geometry	3	MAT 3381 Discrete Math	3
CSC Computer Science Elective	3	EDU 2100 Foundations of Education	1
GEC/Elective	3	EDU 2341 Inst/Assess/Class Mgt EC-12	3
GEC/Elective	3	GEC/Elective	3
		GEC/Elective	3
Total Credit Hours: 15		Total Credit Hours: 16	

**Spring Semester** 

#### Year 3

Fall Semester		Spring Semester	
Course	Credit Hours	Course	Credit Hours
MAT 2231 Calculus 3	3	MAT 2351 Differential Equations	3
MAT 3321 Linear Algebra	3	MAT 4380/4190 Teaching Math**	4
MAT 3336 Modern Algebra*	3	EDU 3310 Multicultural Education	3
EDU 3338 Technology for Class Instr	3	PHY 1401 University Physics II	4
PHY 1401 University Physics I	4	Elective	2
Total Credit House: 16		Total Crodit Hours: 16	

## Year 4

Fall Semester		Spring Semester	
Course	Credit Hours	Course	Credit Hours
MAT 4312 History of Math*	3	EDU 4611 Clinical Teaching	6
EDU 4331 Diff Inst Mix-Abil K-12 Classr	3		
RDG 4347 Reading in the Content Area	3		
GEC/Elective	3		
GEC/Elective	3		
Total Credit Hours: 15		Total Credit Hours: 6	

<sup>120</sup> credit hours total are required for graduation.

<sup>\*</sup>MAT 4312 History of Math and MAT 3336 Modern Algebra are offered in alternating Fall semesters

<sup>\*\*</sup>MAT 4380 Teaching Math is offered every other Spring Semester