



**Sample 4 Year Plan
Bachelor of Science
Mathematics
Mathematics Education Concentration**

		Fall Semester		Spring Semester		
		Course Information	Credit Hrs	Course Information	Credit Hrs	
First Year	AP	UNIV 1000 – University Success	1	AP	ENGL 1020 – English Composition II	3
	AP	ENGL 1010 – English Composition I	3	AP	History Core	3
	AP	Social and Behavioral Science Core	3	AP	COMM 2045 – Public Speaking	3
	AP	MATH 1910 – Calculus I	4		MATH 1920 – Calculus II	4
	AP	Humanities and Fine Arts Core	3		EDUC 2100 – Foundations of Education	3
		MATH 1310 – Exploration in Math Education	1			
TOTAL SCH			15	TOTAL SCH		16

		Fall Semester		Spring Semester		
Second Year		MATH 3010 – Intro to Math Reasoning	3		MATH 3450 – Linear Algebra	3
		MATH 2110 – Calculus III	4		MATH 4321 – Intro to Data Analysis and Programming (will sub for EDUC 3040)	3
		EDUC 3001 – Educational Psychology – Secondary Education	3		MATH 3000 – Discrete mathematics	3
	AP	ENGL 2330 – Topics in World Literature	3		SPED 4341 – Effective Inclusion Strategies	3
	AP	Natural Science Core w/lab	4		MATH 3140 – Connections in Secondary Math	3
	TOTAL SCH			17	TOTAL SCH	

		Fall Semester		Spring Semester		
Third Year		MATH 4020 – Geometry for Teachers	3	AP	Natural Science w/Lab Core	4
	AP	History Core	3	AP	Humanities and Fine Arts Core	3
		MATH 4110 – Number Theory	3	AP	Social and Behavioral Sciences Core	3
		MATH 4240 – Probability	3		MATH 4200 – Mathematics Content & Pedagogy for Middle School	3
		MATH 4450 – Mathematical Models	3		RDG 4040 – Content Reading	3
					MATH 4810 – Senior Seminar	1
	TOTAL SCH			15	TOTALSCH	

		Fall Semester		Spring Semester		
Fourth Year		EDUC 4081 – Classroom Organization & Management Secondary	3		EDUC 4610 – Student Teaching 7-8	5
		EDUC 4271 – Math Eval & Assessment	3		EDUC 4710 – Student Teaching 9-12	5
		MATH 4400 – Teaching of Secondary School Mathematics	3		EDUC 4950 – Teaching Seminar	2
		EDUC 4161 – Teaching Diverse Students	3			
	TOTAL SCH			12	TOTAL SCH	

***AP** designates General Education Core Course to be completed for your degree.

**Bachelor degrees require the completion of 33 upper division (3000 – 4999) credit hours.

*** If a student begins with MATH 1910, one additional hour of electives may be needed to reach 120 total credit hours.