

## 4-Year Academic Plan: Mathematics Education

The following is a sample outline demonstrating 4-year completion of this bachelor's degree. Each student's reality will vary slightly, as this plan does not include transfer work, Advanced Placement (AP), or concurrent enrollment credits. Math and English placement will be based on the student's ACT/SAT scores. PLEASE NOTE: The following plan assumes students are prepared to take the Math course listed. If prerequisites are required, additional semesters may be required to complete degree.

This is a **GUIDE ONLY**. Please meet with your academic advisor and consult DegreeWorks for specifics.

1st Year Fall (14 credits)					1st Year Spring (16 credits)				
MATH	1210	Calculus I	4	F/S/Su	MATH	1220	Calculus II	4	F/S
ENGL	1010	Intro to Academic Writing	3	F/S/Su	XXXX	XXXX	Fine Arts GE	3	F/S/Su
CSIS	1000	Intro to Comp. Apps & Internet	3	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
XXXX	XXXX	American Institutions GE	3	F/S/Su	LM	1010	Information Literacy	1	F/S/Su
EDGE	1010	Becoming an Engaged Learner	1	F/S/Su	XXXX	XXXX	Phys. Sci. GE (PHYS 2210/15 recommended)	5	F/S
2nd Year Fall (16 credits)					2nd Year Spring (16 credits)				
MATH	2210	Calculus III	4	F/S	MATH	3120	Transition to Advanced Math	3	F/S
MATH	2270	Linear Algebra	3	F/S	MATH	3040	History of Mathematics	3	S-Even
MATH	3010	Math for Secondary Ed. I	3	F	MATH	3020	Math for Secondary Ed. II	3	S
EDUC	3000	Prin. of Teaching & Learning	3	F/S	SCED	3400	Educating Diverse Populations	3	F/S
XXXX	XXXX	Life Science GE	3	F/S/Su	XXXX	XXXX	Humanities GE	3	F/S/Su
					EDGE	30xx	*Project Proposal & Planning	1	F/S/Su
3rd Year Fall (16 credits)					3rd Year Spring (15 credits)				
MATH	4400	Advanced Calculus I	3	F	MATH	3130	Modern Geometries	3	S
MATH	3700	Probability & Statistics	4	F/S	MATH	2280	Differential Equations	3	S
MATH	4900	Methods of Secondary Teaching	3	F	MATH	XXXX	*Math Elective Credit	3	
SPED	3030	Educating Exceptional Students	3	F/S	EDUC	3200	Educational Psychology	3	F/S/Su
XXXX	XXXX	Free Elective	3	F/S/Su	EDUC	3180	Instructional Technology	3	F/S
4th Year Fall (16 credits)					4th Year Spring (12 credits)				
MATH	4220	Abstract Algebra I	3	F	SCED	4520	Practicum/Induction Seminar	2	F/S
SCED	3570	Secondary Classroom Mgmt	3	F/S	SCED	4980	Secondary Student Teaching	8	F/S
SCED	3590	Instruction, Plan, Assess	3	F/S	MATH	4980	Student Teaching	2	F/S
SCED	3720	Content Literacy	3	F/S					
XXXX	XXXX	Social/Behavioral Science GE	3	F/S/Su					
EDGE	40xx	*Project Reporting & Reflection	1	F/S/Su					

### Color Key:

General Education Courses (green)

EDGE Program Courses (orange)

Major-required courses that also fulfill GE requirement (purple)

Major Courses (black)

Electives/minor/etc. (red)

### Other Notes:

► (\*) indicates available options - see course catalog for details.