



## 4-Year Academic Plan: Mathematics Education w/Secondary Teaching Licensure

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.

*While every effort has been made to align this sample with departmental offerings and recommendations, **this is a GUIDE ONLY.** Please meet with your academic advisor and consult DegreeWorks for specifics.*

<p><b>1<sup>st</sup> Year Fall (15 credits)</b>  MATH 1210 Calculus (4)  ENGL 1010 Intro to Academic Writing (3)  LM 1010 Information Literacy (1)  CSIS 1000 Intro to Computers &amp; Internet (3)  American Institutions Course (3)  EDGE 1010 Becoming an Engaged Learner (1)</p>	<p><b>1<sup>st</sup> Year Spring (16 credits)</b>  MATH 1220 Calculus II (4)  ENGL 2010 Intermediate Writing (3)  Social and Behavioral Science Knowledge Area (3)  Fine Arts Knowledge Area (3)  Life Science Knowledge Area (3)</p>
<p><b>2<sup>nd</sup> Year Fall (15 -16 credits)</b>  MATH 2210 Calculus III (4)  MATH 2270 Linear Algebra (3)  EDUC 3000 Principles of Teaching &amp; Learning (3)  Physical Science Knowledge Area and Lab (4/5)  EDGE 30XX* Project Proposal &amp; Planning (1)</p>	<p><b>2<sup>nd</sup> Year Spring (15 credits)</b>  MATH 2280 Differential Equations (3)  MATH 3120 Transition to Advanced Math (3)  MATH Upper Division Elective (3)  SCED 3400 Educating Diverse Populations (3)  Humanities Knowledge Area (3)</p>
<p><b>3<sup>rd</sup> Year Fall (15 credits)</b>  MATH 4400 Advanced Calculus I (3)  MATH 4220 Abstract Algebra I (3)  MATH 4900 Methods of Secondary Teaching (3)  MATH 3160 Number Theory [<b>Fall odd</b>] (3)  SPED 3030 Educating Exceptional Students (3)</p>	<p><b>3<sup>rd</sup> Year Spring (12 credits)</b>  MATH 3130 Modern Geometries (3)  MATH Upper Division Elective* (3)  EDUC 3180 Instructional Technology (3)  EDUC 3200 Educational Psychology (3)  Math 3140 History of Math [<b>Spring even</b>] (3)</p>
<p><b>4<sup>th</sup> Year Fall (14 credits)</b>  SCED 3570 Management of Secondary Class (3)  SCED 3590 Prof Instruction, Plan &amp; Development (3)  SCED 3720 Content Literacy (3)  MATH 3700 Probability and Statistics (3)  EDGE 40XX* Project Reflection &amp; Synthesis (1)</p>	<p><b>4<sup>th</sup> Year Spring (12 credits)</b>  SCED 4520 Practicum/Induction Seminar (2)  SCED 4980 Secondary Student Teaching (8)  SCED 4980 Content Clinical Teaching (2)</p>

Color Key:

General Education Courses (green)

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

Major Courses (black)

Secondary Education Licensure Courses (blue)

Electives/minor/etc. (red)

EDGE Program Course (orange)

Other Notes:

➤ (\*) indicates available options—see catalog