

**Bachelor of Science Degree  
Major in Mathematics  
Teaching Licensure Option - Single Subject Endorsement**

All students desiring licensure to teach are required to file an Application for Admission to the Teacher Education Program (see page 274).

	Credits
<b>General Education Requirements</b> Students should consult with their advisor to determine other specific courses necessary in order to satisfy the General Education requirements within this major.	<b>31</b>
<b>Professional Core (see page 288)</b>	<b>34</b>
EDU 497R Methods: 5-8 Mathematics	<b>3</b>
EDU 494 Seminar/Workshop: Mathematics	<b>1</b>
<b>Required Courses</b>	
CSCI 111A Programming with Java I	4
M 305 Discrete Structures I	4
M 371 Numerical Computing	4
M 110 Mathematical Computing	1
^M 171 Calculus I	4
M 172 Calculus II	4
M 242 Methods of Proof	3
M 273 Multivariable Calculus	4
M 329 Modern Geometry	3
M 333 Linear Algebra	4
M 431 Abstract Algebra I	3
M 471 Mathematical Analysis	3
M 472 Introduction to Complex Analysis	3
M 499 Capstone	3
STAT 341 Introduction to Probability & Statistics	4
<b>Total minimum credits required for major.</b>	<b>51</b>
<b>Electives</b>	<b>8</b>
<b>Total minimum credits required for degree</b>	<b>128</b>
^ <b>May satisfy General Education requirements.</b>	
<i>Certain courses in this program have prerequisites; students should check the course descriptions for required prerequisites.</i>	

**SUGGESTED PLAN OF STUDY  
Bachelor of Science Major in  
Mathematics  
Teaching Option  
Single Subject Endorsement**

Students should talk with their faculty advisors prior to registration for classes. It is a good practice to visit with the faculty advisor each semester. The following suggested schedule provides a general overview of courses and work that will enable the Teaching Major in Mathematics student to progress through the degree in an orderly and timely manner.

First Year	F	S
M 110		1
M 171	4	
M 172		4
BIOB 101	3	
CSCI 111A	4	
COMT 110 or 130		3
EDU 105 or EDU 200	3	
EDU 220		3
WRIT 101	3	
General Education		6
<b>Total</b>	<b>17</b>	<b>17</b>
Second Year	F	S
M 242		3
M 305	4	
M 333		4
M 273	4	
STAT 341		4
EDU 221		3
WRIT 201		3
HHP 412	1	
HSTA 101 or 102	3	
SPED 260	3	
<b>Total</b>	<b>15</b>	<b>17</b>

Apply for Admission to Teacher Education Program Spring Semester		
<b>Third Year</b>	<b>F</b>	<b>S</b>
M 329	3	
M 371		4
M 471	3	
M 472		3
EDU 380		2
EDU 497R		3
NASX 105 or 205		3
Elective	6	2
General Education	4	
<b>Total</b>	<b>16</b>	<b>17</b>
<b>Fourth Year</b>	<b>F</b>	<b>S</b>
EDU 497B	2	
EDU 494	1	
EDU 406		3
EDU 495C		9
EDU 333	3	
M 431	3	
M 499	3	
General Education	5	
<b>Total</b>	<b>17</b>	<b>12</b>
Apply to Student Teach Fall Semester		
Apply to Graduate Fall Semester		
Apply for Licensure Spring Semester		