

# Mathematics - Teaching Minor

## Mathematics - Teaching Minor

This minor leads to endorsement #143: 5-12 Mathematics. Students must also complete all requirements for a secondary teaching major, including student teaching.

### Required

Mathematics Core:		
STAT 1772	Introduction to Statistical Methods *	3
MATH 1420	Calculus I *	4
MATH 1421	Calculus II	4
MATH 2500	Linear Algebra for Applications	3
Mathematics Teaching Core:		
MATH 2900	Discrete and Argumentative Mathematics	3
MATH 3600	Euclidean Geometry	3
Electives (choose ONE of the following):		3-4
MATH 2422	Calculus III	
MATH 3750	Statistics and Data Science for Secondary Teachers	
MATH 3530	Combinatorics	
MATH 4500/5500	Modern Algebra I	
MATH 4510/5510	Elementary Number Theory	
Computer Programming (select ONE of the following):		3-4
CS ED 1320	Fundamentals of Programming	
CS 1120	Media Computation	
CS 1160	C/C++ Programming	
CS 1510	Introduction to Computing	
Professional Experiences:		
EDUC 3543/5543	Teaching Methods II: Secondary Mathematics **	3
EDUC 3643/5643	Teaching Internship II: Secondary Mathematics **	3
<b>Total Hours</b>		<b>32-34</b>

\* STAT 1772 has prerequisite of satisfactory score on ALEKS exam.  
MATH 1420 has prerequisite of satisfactory score on mathematics placement exam or subsequent remediation.

\*\*Prerequisites are waived for non Math-Teaching majors.

Notes: For departmental approval to student teach, a student in the program must satisfy the University requirements to student teach and the following specific departmental requirements:

1) Must earn a C- or better in MATH 1420, MATH 1421, MATH 2500, MATH 2900, MATH 3600, MATH 4500/5500, and STAT 1772 or STAT 1774 or MATH 3751.

2) Must complete all of the courses in the minor with a minor grade point average of 2.50 or higher

## Policies

### Notes:

1. A student majoring or minoring in mathematics, who has a grade point average of less than 2.25 in all departmental courses used for that major or minor may not apply a departmental course in which a grade of less than C- is earned to her/his major or minor.
2. A student with a major within the Department of Mathematics may declare a second major and/or a certificate within the Department. Interested students should work closely with an advisor.
3. The declaration of both a major and a minor with the Department of Mathematics is limited to the following. Interested students should work closely with an advisor.
  - A student with any Mathematics major may declare the interdisciplinary Data Science Minor.
  - A student with the Mathematics Major or the Mathematics-Teaching Major may declare the Statistics emphasis of the Statistics and Actuarial Science Minor.

## Related Programs

- Mathematics - Teaching B.A.
- Mathematics (K-8) - Teaching Minor