

## Course Planning Guide for Mathematics Education Majors

**After Completing Calculus II**, use this guide together with your advisor to plan your course of study. Keep in mind:

- Some courses are not offered every semester:
  - M 431, 439 and EDU 497.12 are only offered in fall.
  - **M 301** is only offered in *fall of odd-numbered years*.
  - M 326 and 429 are only offered in spring.
- Note:
  - It is **recommended** to take a course in the semester where it is listed in **bold**.
  - Take M 307 early since it is a prerequisite for M 326, 429, 431 and 439.
  - Take M 301 early since it is offered only in fall of odd-numbered years.
  - It is recommended to take M 221 before M 307.
  - It is strongly recommended to take M 326 before M 431.
- If the course number is followed by a **star (\*)**, you cannot take this course in a later semester **without delaying graduation** by at least one semester and maybe a full year or two!

### Goal: Student Teaching in Spring

Academic Year	Fall Semester	Spring Semester
Third to last year:	<i>Fall _____</i> <b>M 301 (if this is an odd-numbered year)</b> Teaching Mathematics with Technology	<i>Spring _____</i> <b>M 307</b> Intro Abstract Math
Second to last year:	<i>Fall _____</i> <b>M 301* (if this is an odd-numbered year)</b> Teaching Mathematics with Technology <b>STAT 341</b> Intro to Probability & Statistics <i>(M 307 – last chance)</i>	<i>Spring _____</i> <b>M 326*</b> Number Theory <b>M 429*</b> History of Mathematics
Last year:	<i>Fall _____</i> <b>M 431*</b> Abstract Algebra I <b>M 439*</b> Geometry <b>EDU 497.12*</b> Methods: 5-12 Mathematics <i>(M 301 – last chance if this is an odd-numbered year; STAT 341 – last chance)</i>	<i>Spring _____</i>  <div style="text-align: center;"><b>Student Teaching</b></div>

## Goal: Student Teaching in Fall

**Note:** If you want to take M 326 before M 431 (as is strongly recommended), you have to take M 307 in the fall of the third-to-last year, and M 326 in the spring of the third-to-last year.

Academic Year	Fall Semester	Spring Semester
Third to last year:	<i>Fall _____</i> <b>M 301*</b> (if this is an odd-numbered year) Teaching Mathematics with Technology <b>M 307</b> Intro Abstract Math	<i>Spring _____</i> <b>M 326</b> Number Theory <b>STAT 341</b> Intro to Probability & Statistics <i>(M 307 – last chance, but see note above)</i>
Second to last year:	<i>Fall _____</i> <b>M 301*</b> (if this is an odd-numbered year) Teaching Mathematics with Technology <b>M 431*</b> Abstract Algebra I <b>M 439*</b> Geometry <b>EDU 497.12*</b> Methods: 5-12 Mathematics	<i>Spring _____</i> <b>M 429*</b> History of Mathematics <i>(M 326 – last chance, but see note above)</i> <i>(STAT 341 – last chance)</i>
Last year:	<i>Fall _____</i>  <p style="text-align: center;"><b>Student Teaching</b></p>	