### 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

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
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| Third to last year: | **Fall ____**  
M 301 (if this is an odd-numbered year)  
Teaching Mathematics with Technology | **Spring ____**  
M 307 Intro Abstract Math |
| Second to last year: | **Fall ____**  
M 301* (if this is an odd-numbered year)  
Teaching Mathematics with Technology  
STAT 341 Intro to Probability & Statistics  
(M 307 – last chance) | **Spring ____**  
M 326* Number Theory  
M 429* History of Mathematics |
| Last year: | **Fall ____**  
M 431* Abstract Algebra I  
M 439* Geometry  
EDU 497.12* Methods: 5-12 Mathematics  
(M 301 – last chance if this is an odd-numbered year; STAT 341 – last chance) | **Spring ____**  
Student Teaching |
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.

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