

**Bachelor of Science - Mathematics - Teaching Mathematics Concentration**  
**First Time Freshman Academic Roadmap**

| Year 1: Freshman Year |               |                                   |       | Year Total                    |               |                                            |       | 30 |
|-----------------------|---------------|-----------------------------------|-------|-------------------------------|---------------|--------------------------------------------|-------|----|
| Fall Semester         | Terms Offered | Prerequisite Courses              | Units | Spring Semester               | Terms Offered | Prerequisite Courses                       | Units |    |
| MATH 2210 (GE 2)      | Fall & Spring | MATH 1401, 1403 or Placement Exam | 4     | MATH 2220                     | Fall & Spring | MATH 2210 (C- or better)                   | 4     |    |
| MATH 2265             | Fall & Spring | MATH 2210 (Co/Prereq)             | 3     | MATH 2310                     | Fall & Spring | MATH 2210 (C- or better); 2220 (Co/Prereq) | 4     |    |
| CSE 1100 (GE 1B)      | Fall & Spring |                                   | 3     | Oral Communication (GE 1C)    | Fall & Spring |                                            | 3     |    |
| Free Elective         | Fall & Spring |                                   | 3     | Written Communication (GE 1A) | Fall & Spring |                                            | 3     |    |
| General Education     | Fall & Spring |                                   | 3     |                               |               |                                            |       |    |
| Semester Total        |               |                                   | 16    | Semester Total                |               |                                            | 14    |    |

| Year 2: Sophomore Year |               |                                 |       | Year Total        |               |                          |       | 30 |
|------------------------|---------------|---------------------------------|-------|-------------------|---------------|--------------------------|-------|----|
| Fall Semester          | Terms Offered | Prerequisite Courses            | Units | Spring Semester   | Terms Offered | Prerequisite Courses     | Units |    |
| MATH 2320              | Fall & Spring | MATH 2220 & 2310 (C- or better) | 4     | MATH 3100 (WI)    | Fall & Spring | MATH 2220 (C- or better) | 3     |    |
| MATH 2900              | Fall & Spring | MATH 1401, 1403, or 2210        | 4     | MATH 3460         | Fall & Spring | MATH 2320                | 3     |    |
| General Education      | Fall & Spring |                                 | 3     | General Education | Fall & Spring |                          | 3     |    |
| General Education      | Fall & Spring |                                 | 3     | General Education | Fall & Spring |                          | 3     |    |
| General Education      | Fall & Spring |                                 | 1     | General Education | Fall & Spring |                          | 3     |    |
| Semester Total         |               |                                 | 15    | Semester Total    |               |                          | 15    |    |

| Year 3: Junior Year |               |                                  |       | Year Total             |               |                                 |       | 32 |
|---------------------|---------------|----------------------------------|-------|------------------------|---------------|---------------------------------|-------|----|
| Fall Semester       | Terms Offered | Prerequisite Courses             | Units | Spring Semester        | Terms Offered | Prerequisite Courses            | Units |    |
| MATH 3329           | Fall & Spring | MATH 3100; MATH 2310 (Co/Prereq) | 3     | MATH 4600              | Fall & Spring | MATH 2320 and MATH 3345         | 4     |    |
| MATH 3480           | Fall & Spring | MATH 2220 (C- or better)         | 3     | MATH 4900              | Fall & Spring | MATH 2900 & 3329 (C- or better) | 4     |    |
| MATH 3345           | Fall & Spring | MATH 3100                        | 3     | General Education (UD) | Fall & Spring |                                 | 3     |    |
| General Education   | Fall & Spring |                                  | 3     | General Education (UD) | Fall & Spring |                                 | 3     |    |
| General Education   | Fall & Spring |                                  | 3     | Free Elective          | Fall & Spring |                                 | 3     |    |
| Semester Total      |               |                                  | 15    | Semester Total         |               |                                 | 17    |    |

| Year 4: Senior Year    |               |                         |       | Year Total      |                    |                                       |       | 28  |
|------------------------|---------------|-------------------------|-------|-----------------|--------------------|---------------------------------------|-------|-----|
| Fall Semester          | Terms Offered | Prerequisite Courses    | Units | Spring Semester | Terms Offered      | Prerequisite Courses                  | Units |     |
| MATH 4300              | Fall & Spring | MATH 2320 and MATH 3100 | 4     | MATH 5900       | Fall & Spring      | MATH 4900; 4300 or 4600 (C or better) | 3     |     |
| MATH Elective          | Fall          | Varies                  | 3     | MATH Elective   | Spring             | Varies                                | 3     |     |
| General Education (UD) | Fall & Spring |                         | 3     | Free Elective   | Fall & Spring      |                                       | 3     |     |
| Free Elective          | Fall & Spring |                         | 3     | Free Elective   | Fall & Spring      |                                       | 3     |     |
| Free Elective          | Fall & Spring |                         | 3     |                 |                    |                                       |       |     |
| Semester Total         |               |                         | 16    | Semester Total  |                    |                                       | 12    |     |
|                        |               |                         |       |                 | Degree Units Total |                                       |       | 120 |

MATMCNSBSX

Last modified

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The roadmap is an academic planning resource. Students should refer to their PAWS Report and Academic Catalog for graduation requirements.

\*Math electives are not offered every semester. Please see the Math department website for the tentative course schedule.