

**Bachelor of Science - Mathematics - General 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     |    |
| CSE 1100 (GE 1B)                     | Fall & Spring |                                   | 3     | MATH 2310                     | Fall & Spring | MATH 2210 (C- or better); 2220 (Co/Prereq) | 4     |    |
| Free Elective                        | Fall & Spring |                                   | 3     | Oral Communication (GE 1C)    | Fall & Spring |                                            | 3     |    |
| Concentration 2000-Level Course (GE) | Fall & Spring | Varies                            | 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 2265         | Fall & Spring | MATH 2210 (Co/Prereq)            | 3     |    |
| MATH 3100 (WI)         | Fall & Spring | MATH 2220 (C- or better)        | 4     | MATH 2270         | Fall & Spring | MATH 2310                        | 3     |    |
| General Education      | Fall & Spring |                                 | 3     | MATH 3329         | Fall & Spring | MATH 3100; MATH 2310 (Co/Prereq) | 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             |               |                         |       | 31 |
|---------------------|---------------|-------------------------|-------|------------------------|---------------|-------------------------|-------|----|
| Fall Semester       | Terms Offered | Prerequisite Courses    | Units | Spring Semester        | Terms Offered | Prerequisite Courses    | Units |    |
| MATH 4600           | Fall & Spring | MATH 2320 and MATH 3100 | 4     | MATH 4300              | Fall & Spring | MATH 2320 and MATH 3100 | 4     |    |
| MATH Elective       | Fall          | Varies                  | 3     | MATH Elective          | Spring        | Varies                  | 3     |    |
| MATH Elective       | Fall          | Varies                  | 3     | General Education      | Fall & Spring |                         | 3     |    |
| General Education   | Fall & Spring |                         | 3     | General Education (UD) | Fall & Spring |                         | 3     |    |
| Free Elective       | Fall & Spring |                         | 2     | Free Elective          | Fall & Spring |                         | 3     |    |
| Semester Total      |               |                         | 15    | Semester Total         |               |                         | 16    |    |

| Year 4: Senior Year    |               |                          |       | Year Total         |               |                          |       | 29 |
|------------------------|---------------|--------------------------|-------|--------------------|---------------|--------------------------|-------|----|
| Fall Semester          | Terms Offered | Prerequisite Courses     | Units | Spring Semester    | Terms Offered | Prerequisite Courses     | Units |    |
| MATH 5600              | Fall          | MATH 4600 (C- or better) | 3     | MATH 5300          | Spring        | MATH 4300 (C- or better) | 4     |    |
| MATH Elective          | Fall          | Varies                   | 3     | MATH Elective      | Spring        | Varies                   | 3     |    |
| General Education      | Fall & Spring |                          | 3     | Free Elective      | Fall & Spring |                          | 3     |    |
| General Education (UD) | Fall & Spring |                          | 3     | Free Elective      | Fall & Spring |                          | 3     |    |
| Free Elective          | Fall & Spring |                          | 3     | Free Elective      | Fall & Spring |                          | 1     |    |
| Semester Total         |               |                          | 15    | Semester Total     |               |                          | 14    |    |
|                        |               |                          |       | Degree Units Total |               |                          | 120   |    |

MATHCNSBSX

Last modified

11/20/2024

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.