

**Degree: B.S. in Mathematics-General Mathematics Concentration  
Freshman 4-Year Academic Roadmap**

| <b>Year 1: Freshman Year</b>     |                |  |                 |
|----------------------------------|----------------|--|-----------------|
| <b>Fall</b>                      | <b>Term(s)</b> | <b>Pre-req Courses</b>                                       | <b>Units</b>    |
| MATH 2210 (GE B4)                | Fall & Spring  | Math 1401 or satisfactory score on department placement exam | 4               |
| CSE 1100 (GE A3), 1250, or 2010* | Fall & Spring  |  | 3 or 4          |
| 2000-level science               | Fall & Spring  |  | 3 to 5          |
| GE (E)                           | Fall & Spring  |  | 3               |
|                                  |                |  |                 |
|                                  |                |  |                 |
| <b>Semester Total</b>            |                |  | <b>14 to 15</b> |

| <b>Spring</b>         | <b>Term(s)</b> | <b>Pre-req Courses</b>   | <b>Units</b> |
|-----------------------|----------------|--|--------------|
| MATH 2220             | Fall & Spring  | C-or better in MATH 2210   | 4            |
| MATH 2310             | Fall & Spring  | C-or better in MATH 2210 and MATH 2220 as a pre- or co-requisite | 4            |
| GE (A1)               | Fall & Spring  |  | 3            |
| GE (A2)               | Fall & Spring  |  | 3            |
| Free Elective         |                |  | 1            |
|                       |                |  |              |
| <b>Semester Total</b> |                |  | <b>15</b>    |

### Year 2: Sophomore Year

| Fall                  | Term(s)       | Pre-req Courses | Units     |
|-----------------------|---------------|-----------------|-----------|
| MATH 2320             | Fall & Spring | C-or better in  | 4         |
| MATH 3100 (WI)        | Fall & Spring | C- or better in | 4         |
| GE (B1 or B2 w/o      | Fall & Spring |                 | 3         |
| GE (C1)               | Fall & Spring |                 | 3         |
| Free Elective         |               |                 | 1         |
| <b>Semester Total</b> |               |                 | <b>15</b> |

| Spring                | Term(s)       | Pre-req Courses | Units        |
|-----------------------|---------------|-----------------|--------------|
| MATH 2265             | Fall & Spring | MATH 2210 as    | 3            |
| MATH 2270             | Fall & Spring | MATH 2310       | 3            |
| MATH 3329             | Fall & Spring | MATH 2310 as    | 3            |
| GE (B1 or B2 w/o      | Fall & Spring |                 | 3 to 4       |
| GE (C2)               | Fall & Spring |                 | 3            |
| <b>Semester Total</b> |               |                 | <b>15-16</b> |

### Year 3: Junior Year

| Fall                  | Term(s)       | Pre-req Courses            | Units     |
|-----------------------|---------------|----------------------------|-----------|
| MATH 4600             | Fall & Spring | MATH 2320 and<br>MATH 3100 | 4         |
| MATH Elective         | Fall & Spring |                            | 3         |
| MATH Elective         |               |                            | 3         |
| GE (C2)               |               |                            | 3         |
| Free Elective         |               |                            | 2         |
| <b>Semester Total</b> |               |                            | <b>15</b> |

| Spring                | Term(s)       | Pre-req Courses              | Units     |
|-----------------------|---------------|------------------------------|-----------|
| MATH 5600             | Fall & Spring | C- or better in<br>MATH 4600 | 3         |
| MATH Elective         | Fall & Spring |                              | 3         |
| GE (C2)               | Fall & Spring |                              | 3         |
| GE (D1)               | Fall & Spring |                              | 3         |
| Free Elective         | Fall & Spring |                              | 3         |
| <b>Semester Total</b> |               |                              | <b>15</b> |

### Year 4: Senior Year

| Fall                  | Term(s)       | Pre-req Courses | Units | Spring        | Term(s)       | Pre-req Courses | Units |
|-----------------------|---------------|-----------------|-------|---------------|---------------|-----------------|-------|
| MATH 4300             | Fall & Spring | MATH 2320 and   | 4     | MATH 5300     | Fall & Spring | C- or better in | 4     |
| MATH Elective         | Fall & Spring |                 | 3     | MATH Elective | Fall & Spring |                 | 3     |
| GE (D2)               | Fall & Spring |                 | 3     | GE (B5)       | Fall & Spring |                 | 3     |
| GE (D4)               | Fall & Spring |                 | 3     | Free Elective | Fall & Spring |                 | 5     |
| Free Electives        | Fall & Spring |                 | 2     |               |               |                 |       |
| <b>Semester Total</b> |               |                 |       | <b>15</b>     |               |                 |       |

Degree Tot:

120

