

# MATHEMATICS, BS

## FOUR-YEAR PLAN

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This Four-Year Plan is only one way a student may complete an L&S degree with this major. Many factors can affect student degree planning, including placement scores, credit for transferred courses, credits earned by examination, and individual scholarly interests. In addition, many students have commitments (e.g., athletics, honors, research, student organizations, study abroad, work and volunteer experiences) that necessitate they adjust their plans accordingly. Informed students engage in their own unique Wisconsin Experience by consulting their academic advisors, Guide, DARS, and Course Search & Enroll for assistance making and adjusting their plan.

### MATHEMATICS MAJOR - BACHELOR OF ARTS/SCIENCE DEGREE

#### Freshman

| Fall                         | Credits Spring                 | Credits   |
|------------------------------|--------------------------------|-----------|
| MATH 221 <sup>1,2</sup>      | 5 MATH 222 <sup>2</sup>        | 4         |
| Communication A              | 3 Ethnic Studies               | 3         |
| Foreign Language (if needed) | 4 Foreign Language (if needed) | 4         |
| Literature Breadth           | 3 Literature Breadth           | 3         |
|                              | <b>15</b>                      | <b>14</b> |

#### Sophomore

| Fall                     | Credits Spring                   | Credits   |
|--------------------------|----------------------------------|-----------|
| MATH 234                 | 4 MATH 341                       | 3         |
| Communication B          | 3 Intermediate MATH <sup>3</sup> | 3         |
| Humanities Breadth       | 3 Humanities Breadth             | 3         |
| Physical Science Breadth | 3 Physical Sciences Breadth      | 3         |
| Elective                 | 3 Elective                       | 3         |
|                          | <b>16</b>                        | <b>15</b> |

#### Junior

| Fall                           | Credits Spring                   | Credits   |
|--------------------------------|----------------------------------|-----------|
| Intermediate MATH <sup>3</sup> | 3 Intermediate MATH <sup>3</sup> | 3         |
| Advanced MATH <sup>4</sup>     | 3 Advanced MATH <sup>4</sup>     | 3         |
| Social Sciences Breadth        | 3 Social Sciences Breadth        | 3         |
| Biological Sciences Breadth    | 3 Biological Sciences Breadth    | 3         |
| Elective                       | 3 Elective                       | 3         |
|                                | <b>15</b>                        | <b>15</b> |

#### Senior

| Fall                       | Credits Spring            | Credits |
|----------------------------|---------------------------|---------|
| Advanced MATH <sup>4</sup> | 3 Social Sciences Breadth | 3       |
| Social Science Breadth     | 3 Elective                | 3       |
| Elective                   | 3 Elective                | 3       |
| Elective                   | 3 Elective                | 3       |

|          |            |           |
|----------|------------|-----------|
| Elective | 3 Elective | 3         |
|          | <b>15</b>  | <b>15</b> |

#### Total Credits 120

- <sup>1</sup> Math majors will naturally complete Quantitative Reasoning requirements with the introductory calculus courses required to declare the major.
- <sup>2</sup> Declaration of the Mathematics major requires a 2.500 cumulative GPA across the introductory calculus sequence. Students that are unable to establish a GPA for any courses in the introductory calculus sequence are encouraged to speak with a math major advisor as soon as possible.
- <sup>3</sup> An intermediate level math course is any numbered above 306 excluding MATH 320, MATH 340, or MATH 341, or MATH/CURRIC 471.
- <sup>4</sup> An advanced level MATH course is any numbered above 500.