

# MATHEMATICS: MATHEMATICS FOR PROGRAMMING AND COMPUTING

## 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.

In general, your four year plan in mathematics should be organized along the following sequence:

1. Calculus
2. Linear Algebra
3. Required Intermediate level course
4. Additional intermediate level courses as needed
5. Required advanced level course
6. Additional advanced level courses

#### Freshman

Fall	Credits Spring	Credits
MATH 221	5 MATH 222	4
Literature Breadth	3 Literature Breadth	3
Communication A	3 Ethnic Studies	3
Foreign Language (if required)	4 Foreign Language (if required)	4
<b>15</b>		<b>14</b>

#### Sophomore

Fall	Credits Spring	Credits
MATH 234 <sup>1</sup>	4 MATH Required Linear Algebra	3
Humanities Breadth	3 Required Intermediate MATH	3
Communication B	3 Humanities Breadth	3
Physical Science Breadth	3 Physical Science Breadth	3
Elective	3 Elective	3
<b>16</b>		<b>15</b>

#### Junior

Fall	Credits Spring	Credits
Intermediate MATH	3 Intermediate MATH	3
COMP SCI 300	3 COMP SCI 400	3

Social Sciences Breadth	3 L&S Breadth - Social Science	3
Biological Sciences Breadth	3 Biological Sciences Breadth	3
Elective	3 Elective	3
<b>15</b>		<b>15</b>

#### Senior

Fall	Credits Spring	Credits
Required Advanced MATH	3 Advanced MATH	3
Elective Programming/Computations Course	3 Elective Programming/Computations Course	3
Social Science Breadth	3 Social Science Breadth	3
Elective	3 Elective	3
Elective	3 Elective	3
<b>15</b>		<b>15</b>

#### Total Credits 120

<sup>1</sup> Students should declare the major upon the successful completion of this course