

MATHEMATICS: MATHEMATICS FOR DATA SCIENCE

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 MATH course
4. Additional 300/400-level courses as needed
5. Required Advanced MATH course
6. Additional 500/600-level MATH 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
	15	14

Sophomore

Fall	Credits Spring	Credits
MATH 234	4 MATH Required Linear Algebra	3
Humanities Breadth	3 MATH Required Probability	3
Communication B	3 Humanities Breadth	3
Prerequisite for Data Science Fundamentals course	4 Physical Science Breadth	3
INTER-LS 210	1 Elective	3
	15	15

Junior

Fall	Credits Spring	Credits
Required Intermediate MATH	3 300/400-level MATH Elective	3

Data Science Fundamentals Course	4 Data Science Elective	3
Social Sciences Breadth	3 Social Science Breadth	3
Biological Sciences Breadth	3 Biological Sciences Breadth	3
Elective	3 Elective	3
	16	15

Senior

Fall	Credits Spring	Credits
MATH 535	3 500/600-level MATH elective	3
Data Science Elective	3 Data Science Elective	3
Social Science Breadth	3 Social Science Breadth	3
Electives	6 Electives	6
	15	15

Total Credits 120