

MATHEMATICS: MATHEMATICS FOR STATISTICAL ANALYSIS AND RISK ASSESSMENT

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 Mathematics course
4. Additional 300/400-level MATH courses as needed
5. Required Advanced Mathematics course
6. Additional 500/600-level MATH course(s)

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 ¹	4 MATH Required Linear Algebra	3
Introductory Statistics course ²	3-4 MATH Required Probability	3
Humanities Breadth	3 Humanities Breadth	3
Communication B	3 Physical Science Breadth	3
Physical Science Breadth	3 Elective	3
	16	15

Junior

Fall	Credits Spring	Credits
MATH/STAT 310	3 Required Intermediate MATH	3
Statistics/Risk course	3 Statistics/Risk course	3
Social Sciences Breadth	3 Social Science Breadth	3
Biological Sciences Breadth	3 Biological Sciences Breadth	3
Elective	3 Elective	3
	15	15

Senior

Fall	Credits Spring	Credits
Required Advanced MATH	3 500/600-level MATH Elective	3
Statistics/Risk course	3 Statistics/Risk course	3
Social Science Breadth	3 Social Science Breadth	3
Elective	3 Elective	3
Elective	3 Elective	3
	15	15

Total Credits 120

¹ Students should declare their major upon the successful completion of this course

² To enroll in MATH/STAT 310, students must have an introductory statistics course. STAT 324 or STAT 240 are recommended for students in this named option, but STAT 301, STAT 371, and ECON 310 also satisfy the prerequisite.