

# Math

## Sample Schedule

Alternative sample schedules are available at [nyuad.nyu.edu/grids](http://nyuad.nyu.edu/grids)

### Year 1

Fall Semester

Mathematics for Statistics and Calculus I and II	Core Competency	First-year Writing Seminar	General Elective
			Physical Education

January Term

Field Colloquia
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Spring Semester

Calculus with Applications to Science and Engineering	Core Competency	Foundations of Mathematics	Colloquia
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### Year 2

Fall Semester

Multivariable Calculus with Applications to Science and Engineering	Linear Algebra	General Elective	General Elective
			Physical Education

January Term

Field Colloquia
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Spring Semester

Ordinary Differential Equations	Math Elective 1	Breadth Elective 1	General Elective
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### Year 3

Fall Semester

Math Elective 2	Abstract Algebra 1	Probability and Statistics	General Elective
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Spring Semester

Research Seminar in Mathematics	Analysis 1	Breadth Elective 2	Core Competency
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### Year 4

Fall Semester

Capstone Project I	Math Elective 3	Breadth Elective 3	Core Competency
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Spring Semester

Capstone Project II	General Elective	General Elective	General Elective
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Note: Students must achieve a minimum grade of C in the three courses Linear Algebra, Multivariable Calculus, and Foundations of Mathematics before declaring a Math major.