

# General Engineering

## Sample Schedule

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

### Year 1

Fall Semester

Math 1000 A&B	Computer Programming for Engineers	General Elective	First-year Writing Seminar
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Spring Semester

Calculus	Foundation of Science 1	Foundation of Science 2	Colloquium
	Ethics		

January Term

ECC: Design & Innovation

Summer Term

MVC

### Year 2

Fall Semester

Linear Algebra	ECC: Statics	ECC: Conservation Laws	Core
	ECC: Digital Logic	ECC: Circuits	

January Term

General Elective

Spring Semester

Differential Equations / Discrete Math	Engineering Elective	EM Physics / QS Biology	General Elective
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### Year 3

Fall Semester

Probability & Statistics	Engineering Elective	Engineering Elective	Colloquium
ECC: Numerical Methods			

January Term

General Elective

Spring Semester

Engineering Materials	Engineering Elective	Engineering Elective	Core
Discrete Math / ODE / PDE / Data Analysis			

### Year 4

Fall Semester

Engineering Elective	Instrumentation	Engineering Elective	Core
Capstone Design I			

Spring Semester

Capstone Design II	Engineering Elective	General Elective	Core
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