

# Electrical Engineering

## Sample Schedule

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

### Year 1

Fall Semester

Multivariable Calculus	Foundations of Science 1	Foundations of Science 2	First-year Writing Seminar
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Spring Semester

Linear Algebra	Computer Programming for Engineers	General Elective	Colloquium
	Ethics		

### Year 2

Fall Semester

Differential Equations	ECC: Statics	ECC: Conservation Laws	Core
	ECC: Digital Logic	ECC: Circuits	

Spring Semester

Math Course	Advanced Digital Logic	Advanced Circuits	EM Physics
	Complex Variables	Discrete Mathematics	

### Year 3

Fall Semester

Signals and Systems	Probability & Statistics	Electronics	Colloquium
	ECC: Numerical Methods		

Spring Semester

Electromagnetics	Analog and Digital Communication	Instrumentation	Core
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### Year 4

Fall Semester

Electrical Engineering Elective	Electrical Engineering Elective	Controls	Core
Capstone Design I			

Spring Semester

Capstone Design II	Electrical Engineering Elective	General Elective	Core
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June Term  
ECC: Design & Innovation

January Term  
General Elective

January Term  
General Elective