

Electrical Engineering

[Sample Schedule](#)

Alternative sample schedules are available at nyuad.nyu.edu/grids

Year 1

Fall Semester

Math 1000 A&B	Computer Programing 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	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		

January Term

General Elective

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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