

# Computer 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
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Summer Term

MVC
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### Year 2

Fall Semester

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

January Term

General Elective
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Spring Semester

Discrete Math	Advanced Circuits	Object Oriented Programming	Data Structures and Algorithms
	Differential Equations	Advanced Digital Logic	

### Year 3

Fall Semester

Computer Organization and Architecture	Probability & Statistics	Computer Networks	Core
	ECC: Numerical Methods		

January Term

General Elective
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Spring Semester

Computer Engineering Elective	Computer Engineering Elective (Hardware)	General Elective	Core
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### Year 4

Fall Semester

Computer Engineering Elective	Operating Systems	Embedded Systems	Colloquium
Capstone Design I			

Spring Semester

Capstone Design II	Computer Engineering Elective	Science Elective	Core
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