

Computer Engineering

Option 1

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

Year 1

Fall Semester

Calculus with Applications or Calculus	ECC: Computer Programming for Engineers	General Elective	First-year Writing Seminar
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Spring Semester

Multivariable Calculus	Foundations of Science 1 Ethics	Foundations of Science 2	Colloquium
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January Term
ECC: Design & Innovation

Year 2

Fall Semester

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

Discrete Math	Advanced Circuits Differential Equations	Object Oriented Programming Advanced Digital Logic	Data Structures and Algorithms
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January Term
General Elective

Year 3

Fall Semester

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

Computer Engineering Elective	Computer Engineering Elective (Hardware)	General Elective	Core
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January Term
General Elective

Year 4

Fall Semester

Computer Engineering Elective Capstone Design I	Operating Systems	Embedded Systems	Colloquium
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Spring Semester

Capstone Design II	Computer Engineering Elective	Science Elective	Core
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Option 2

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

Year 1

Fall Semester

Calculus with Applications or Calculus	Foundations of Science 1	Foundations of Science 2	First-year Writing Seminar
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Spring Semester

Multivariable Calculus	Computer Programming for Engineers Ethics	General Elective	Colloquium
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June Term
ECC: Design & Innovation

Year 2

Fall Semester

Linear Algebra	ECC: Statics	ECC: Conservation Laws	Core
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Linear Algebra	ECC: Digital Logic	ECC: Circuits	Core	January Term General Elective
Spring Semester				
Discrete Math	Advanced Circuits Differential Equations	Object Oriented Programming Advanced Digital Logic	Data Structures and Algorithms	
Year 3				
Fall Semester				
Computer Organization and Architecture	Probability & Statistics ECC: Numerical Methods	Computer Networks	Core	January Term General Elective
Spring Semester				
Computer Engineering Elective	Computer Engineering Elective (Hardware)	General Elective	Core	
Year 4				
Fall Semester				
Computer Engineering Elective Capstone Design I	Operating Systems	Embedded Systems	Colloquium	
Spring Semester				
Capstone Design II	Computer Engineering Elective	Science Elective	Core	