

Civil Engineering

Option 1

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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Year 2

Fall Semester

Linear Algebra	ECC: Digital Logic ECC: Statics	ECC: Circuits ECC: Conservation Laws	Core
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June Term
ECC: Design & Innovation

January Term

General Elective

Spring Semester

Differential Equations	Solid Mechanics Structural Components	Fluid Mechanics Dynamics	QS Biology
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Year 3

Fall Semester

Project Management Structural Systems	Engineering Materials Structural Materials	Transportation and Traffic Engineering	Geotechnical Engineering
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January Term

General Elective

Spring Semester

Environmental Engineering	Civil Engineering Elective	Design Elective Design Elective	Core
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Year 4

Fall Semester

ECC: Numerical Methods Capstone Design I	Probability & Statistics Data Analysis	Colloquium	Core
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Spring Semester

Capstone Design II	Civil Engineering Elective	General Elective	Core
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At least one additional general elective credit needs to be taken by the student at any semester to meet the graduation requirement of 140 total credits

Option 2

Year 1

Fall Semester				
Calculus with Applications or Calculus	ECC: Computer Programming for Engineers	General Elective	First-year Writing Seminar	January Term ECC: Design & Innovation
Spring Semester				
Multivariable Calculus	Foundations of Science 1 Ethics	Foundations of Science 2	Colloquium	

Year 2

Fall Semester				
Linear Algebra	ECC: Digital Logic ECC: Statics	ECC: Circuits ECC: Conservation Laws	Core	January Term General Elective
Spring Semester				
Differential Equations	Solid Mechanics Structural Components	Fluid Mechanics Dynamics	QS Biology	

Year 3

Fall Semester				
Project Management Structural Systems	Engineering Materials Structural Materials	Transportation and Traffic Engineering	Geotechnical Engineering	January Term General Elective
Spring Semester				
Environmental Engineering	Civil Engineering Elective	Design Elective Design Elective	Core	

Year 4

Fall Semester				
ECC: Numerical Methods Capstone Design I	Probability & Statistics Data Analysis	Colloquium	Core	
Spring Semester				
Capstone Design II	Civil Engineering Elective	General Elective	Core	

At least one additional general elective credit needs to be taken by the student at any semester to meet the graduation requirement of 140 total credits