

Civil Engineering

[Sample Schedule](#)

Alternative sample schedules are available at 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		

June Term

ECC: Design & Innovation

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

January Term

General Elective

Spring Semester

Math Course	Solid Mechanics	Fluid Mechanics	QS Biology
	Structural Components	Dynamics	

Year 3

Fall Semester

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

January Term

General Elective

Spring Semester

Environmental Engineering	Civil Engineering Elective	Design Elective	Core
		Design Elective	

Year 4

Fall Semester

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

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