

Civil Engineering (128 cr)

[Sample Schedule](#)

You should discuss with your major mentor before proceeding with the following schedule

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
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Spring Semester

Multivariable Calculus	Foundations of Science 1	Foundations of Science 2 Ethics	Colloquium	
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Year 2

Fall Semester

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

ODEs or Eng. Differential Equations	Solid Mechanics Adv. Solid Mechanics	Fluid Mechanics Science Elective	Environmental Engineering	
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Year 3

Fall Semester

Structural Systems Project Management	Transportation and Traffic Engineering	Engineering Materials Structural Materials	Geotechnical Engineering	January Term Colloquium
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Civil Engineering Elective	Civil Engineering Elective	Civil Engineering Design Elective	Core	
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Year 4

Fall Semester

Capstone Design I Civil Engineering Design Elective	Core	Probability & Statistics Data Analysis	Civil Engineering Elective	
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Spring Semester

Capstone Design II	ECC: Numerical Methods	Civil Engineering Elective	Core	
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