

Civil Engineering (128 cr)

[Sample Schedule](#)

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

Year 1

Fall Semester

Math 1000 A&B	ECC: Computer Programming for Engineers	First-year Writing Seminar	General Elective
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Spring Semester

Calculus	Foundations of Science 1	Foundations of Science 2	Colloquium
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January or June Term

ECC: Design & Innovation

Summer Term

MVC

Year 2

Fall Semester

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

January Term

Colloquium

Spring Semester

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

Year 3

Fall Semester

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

January Term

Colloquium

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

Fall Semester

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

Spring Semester

Capstone Design II	ECC: Numerical Methods	Civil Engineering Elective	Core
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