

General Engineering

Sample Schedule

1-cr Engineering Ethics course must be completed as well

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	Foundations of Science 2	Colloquium
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January Term
ECC: Design & Innovation

Year 2

Fall Semester

Linear Algebra	Foundations of Science 3	Foundations of Science 4	Core
Differential Equations			

Spring Semester

ECC: Statics	ECC: Conservation Laws	Engineering Elective	Core
ECC: Digital Logic	ECC: Circuits		

January Term
General Elective

Year 3

Fall Semester

Probability & Statistics	Engineering Elective	Engineering Elective	Colloquium
ECC: Numerical Methods			

Spring Semester

Engineering Materials	Engineering Elective	Engineering Elective	General Elective
Discrete Mathematics			

January Term
General Elective

Year 4

Fall Semester

Engineering Elective	Instrumentation	Engineering Elective	Core
Capstone Design I			

Spring Semester

Capstone Design II	Engineering Elective	General Elective	Core
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