

General Engineering

Weaker Math Preparation

Sample Schedule

Year 1

Fall Semester

Trigonometry and Differential Calculus	ECC: Computer Programming for Engineers	General Elective	First-year Writing Seminar
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January Term

Integral Calculus

Spring Semester

Foundations of Science 1	Foundations of Science 2	General Elective	Colloquium
Engineering Ethics			

Summer Term

Multivariable Calculus

Year 2

Fall Semester

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

January Term

ECC: Design & Innovation

Spring Semester

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

Year 3

Fall Semester

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

January Term

General Elective

Spring Semester

Engineering Materials	Engineering Elective	Engineering Elective	General Elective
Discrete Mathematics			

Year 4

Fall Semester

Capstone Seminar	Instrumentation	Engineering Elective	Core
Capstone Design I			

Spring Semester

Capstone Design II	Engineering Elective	General Elective	Core
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Course / Credit Key				
Course Key				
GENERAL ELECTIVES	MAJOR: REQUIRED	MAJOR: ELECTIVES	CAPSTONE	CORE
Credit Key				
1 CREDITS	2 CREDITS	4 CREDITS	5 CREDITS	