

Fall Year 1		
Code	Course Title	CR
FYE100	First Year Experience	4
GEN100	Engineering Seminar 1	1
GEN105	Engineering Graphics	4
MAT160	Calculus I	4
GE1	Pioneer Core: F1/H1/P1	4
Semester Credits		17
Total Credits		17

Winter Year 1		
Code	Course Title	CR
Semester Credits		0
Total Credits		17

Spring Year 1		
Code	Course Title	CR
ENG170	Writing Seminar	4
GEN101	Seminar - Simulated Engr Firm	1
MAT161	Calculus II	4
PHY203	General Physics I	4
GE1	Pioneer Core: F1/H1/P1	4
Semester Credits		17
Total Credits		34

Summer Year 1		
Code	Course Title	CR
Semester Credits		0
Total Credits		34

Fall Year 2		
Code	Course Title	CR
PHY204	General Physics II	4
CHE109	Principles of Chemistry I	4
ISE210	Engineering Economy	3
MEE210	Statics	3
CMP112	Computational Thinking	4
Semester Credits		18
Total Credits		52

Winter Year 2		
Code	Course Title	CR
Semester Credits		0
Total Credits		52

Spring Year 2		
Code	Course Title	CR
GEN201	Seminar - Simulated Engr Firm	1
PHY303	Modern Physics	4
GEN320	Circuits	2
MEE220	Dynamics	3
BUS114	Applied Statistics for Business and	4
CSC110	Prob Solving through Program	4
Semester Credits		18
Total Credits		70

Summer Year 2		
Code	Course Title	CR
Semester Credits		0
Total Credits		70

Fall Year 3		
Code	Course Title	CR
ACC205	Financial Accounting	4
ECO124	Microeconomics (S1)	4
ISE310	Systems Engineering Principles	3
ISE320	Work Design and Measurement	3
ISE330	Quality Management and Process	3
Semester Credits		17
Total Credits		87

Winter Year 3		
Code	Course Title	CR
Semester Credits		0
Total Credits		87

Spring Year 3		
Code	Course Title	CR
ACC206	Managerial Accounting	2
ECO225	Macroeconomics	4
GEN301	Seminar - Simulated Engr Firm	1
ISE340	Operations Research	3
ISE410	Industrial Automation and Robotics	3
CCE	Cross-Cultural Experience	2
Semester Credits		15
Total Credits		102

Summer Year 3		
Code	Course Title	CR
MEE380	Internship	3
Semester Credits		3
Total Credits		105

Fall Year 4		
Code	Course Title	CR
BUS304	Principles of Finance	4
ISE420	Smart Manufacturing and Industry	3
GE1	Pioneer Core: F1/H1/P1	4
COM	COM101/201/232/241/290	4
Semester Credits		15
Total Credits		120

Winter Year 4		
Code	Course Title	CR
Semester Credits		0
Total Credits		120

Spring Year 4		
Code	Course Title	CR
BUS305	Principles of Operations Managem	4
ISE430	AI for Industrial Applications	3
ISE490	Industrial Engineering Design (Cap	3
GE2	Pioneer Core: F2/H2/P2/S2	4
Semester Credits		14
Total Credits		134

Summer Year 4		
Code	Course Title	CR
Semester Credits		0
Total Credits		134

General Education 1 (GE1) (F1, H1, P1, S1, N1) Courses: 16 credits - take one course in each of the FOUR distribution areas OUTSIDE of your major.

General Education 2 (GE2) (F2, H2, P2, S2, N2) Course: 4 credits - take one upper-level course in a subject area studied at the GE1 level. For example, if you took an English course for your H1, to fulfill your GE2 with an H2 you need to take an H2 English course.

This plan is for illustrative purposes only and is based out of the 2025-2026 Carroll University Catalog. Please work with a member of CU Central - Advising and your Faculty Advisor to create an individual plan for you.

*For other course options, reference the 2025-2026 Carroll University Catalog and speak to your Faculty Advisor.