

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/S1	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/S1	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
MAT207	Calculus III	4
PHY204	General Physics II	4
CHE109	Principles of Chemistry I	4
MEE2100	Statics	3
MEE2300	Numerical Computation for Engine	3
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
GEN310	Strengths of Materials	4
GEN320	Circuits	2
MEE2150	Dynamics	3
MEE2400	Manufacturing Process	3
CMP112	Computational Thinking I	4
Semester Credits		17
Total Credits		69

Summer Year 2		
Code	Course Title	CR
Semester Credits		0
Total Credits		69

Fall Year 3		
Code	Course Title	CR
MAT309	Differential Equations	4
MAT312	Stats/Prob	4
PHY320	Thermodynamics	4
MEE3500	Measurement and Instrumentation	3
MEE3700	Kinematics and Dynamics of Mach	3
Semester Credits		18
Total Credits		87

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

Spring Year 3		
Code	Course Title	CR
GEN301	Seminar - Simulated Engr Firm	1
MEE3100	Engineering Materials	3
MEE3250	Fluid Mechanics	3
MEE3750	Machine Design	3
MEE3900	Mechanical Engineering Design Project 1	3
CCE	Cross-Cultural Experience	2
ISE4100	Industrial Automation & Robotics	4
Semester Credits		19
Total Credits		106

Summer Year 3		
Code	Course Title	CR
MEE3800	Internship	3
Semester Credits		3
Total Credits		109

Fall Year 4		
Code	Course Title	CR
ISE2100	Engineering Economy	3
MEE3300	Heat Transfer	3
MEE3550	Dynamic Systems and Controls	3
GE1	Pioneer Core: F1/H1/P1/S1	4
COM	COM101/201/232/241/290	4
Semester Credits		17
Total Credits		126

Winter Year 4		
Code	Course Title	CR
Semester Credits		0
Total Credits		126

Spring Year 4		
Code	Course Title	CR
MEE4100	Mechatronics	3
MEE4900	Mechanical Engineering Design Project 2	3
GE1	Pioneer Core: F1/H1/P1/S1	4
GE2	Pioneer Core: F2/H2/P2/S2	4
CSC110	Prob Solving through Program	4
Semester Credits		18
Total Credits		144

Summer Year 4		
Code	Course Title	CR
Semester Credits		0
Total Credits		144

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.