Pre-Engineering

Engineering & Information Technologies
2024-2025 Curriculum

Course	Title	Lec	Lab	Credit Hours
Semester 1				
CHE-121	General Chemistry 1	4	0	**4**
CHE-131	General Chemistry 1 Lab	0	3	**1**
ENG-101	English Composition 1	3	0	**3**
ENGR-111	Introduction to Engineering 1	2	2	**3**
FYE-1XX	First Year Experience	1	0	**1**
				12
Semester 2				
ENG-10X	English Composition Elective	3	0	**3**
ENGR-112	Introduction to Engineering 2	2	2	**3**
MAT-251	Calculus 1	5	0	**5**
PHY-201	Physics 1: Calculus-Based	4	2	**5**
				16
Semester 3				
COMM-110	Public Speaking	3	0	**3**
MAT-252	Calculus 2	5	0	**5**
XXX-XXX	Arts/Humanities Elective 1	3	0	**3**
XXX-XXX	Technical Elective 1	2	3	**3**
				14
Semester 4				
XXX-XXX	Arts/Humanities Elective 2	3	0	**3**
XXX-XXX	Social Science Elective	3	0	**3**
XXX-XXX	Technical Elective 2	2	2	**3**
XXX-XXX	Transfer Module Math/Science Elective	5	0	**5**
				14
Semester 5				
HST-XXX	History Elective	3	0	**3**
XXX-XXX	Technical Elective 3	2	3	**3**
XXX-XXX	Technical Elective 4	1	40	**2**
				8
			Total	**64**

Arts/Humanities Elective: Any Transfer Module ART, LIT, MUS, PHI, REL, THE

English Composition Elective: ENG 102, ENG 103, ENG 104, ENG 105

First Year Experience Elective: FYE 100, FYE 105, FYE 110

History Elective: Any Transfer Module course from HST

Social Sciences Elective: Any Transfer Module ECO, GEO, LBR, POL, PSY, SOC

Technical Elective: MAT 253; SUR 105; MET 111; MET 131; MET 140; EET 121; EET 131; EET 132; CHE 122 & CHE 132; CHE 201 & CHE 211; CHE 202 & CHE 212; PHY 202 CET 291; MET 291; EET 291; EMET 291; ENGR 200; ENGR 220

Transfer Module Math/Science Elective: MAT 253; CHE 122 & CHE 132; CHE 201 & CHE 211; CHE 202 & CHE 212; PHY 202

*Program chair consent required for Technical Electives. Not all courses are offered every semester. Since Technical Electives vary by transfer school and discipline, students must meet with a Pre-Engineering advisor before registering for courses.

*Only one full-time co-op course is permitted. Co-op credits may not transfer to bachelor's degree programs.