

## DEGREE MAP

The following sequence is an example of how this program can be completed within the recommended time frame. It presumes that all course and program prerequisites have been met. Completion times may vary depending on individual circumstances. Students should consult an advisor when they plan their individual completion path using MyDegreePlan.

Program Name: Engineering - Associate of Science Degree

Locations Offered: Sierra Vista Campus

### First Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	EGR 102 Principles of Engineering	CB	3
Gen Ed-Composition	ENG 101 Composition or ENG 101L Composition with Support Lab	CB, OL	3
Gen Ed-Laboratory Sciences	CHM 151 General Chemistry I	CB	4
Gen Ed-Mathematics	MAT 220 Calculus I	CB, OL	5
Gen Ed-Social & Beh Sciences		CB, OL	3

### Second Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	EGR 122 Programming for Engineering and Science	CB	4
Core Curriculum	MAT 231 Calculus II	CB	4
Gen Ed-Composition	ENG 102 English Composition	CB, OL	3
Gen Ed-Laboratory Sciences	CHM 152 General Chemistry II	CB	4
Gen Ed-Social & Beh Sciences		CB, OL	3

### Third Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	COM 102 Essentials of Communication	CB	3
Core Curriculum	PHY 230 Physics with Calculus I	CB	4
Gen Ed-Add Math/Lab Science	MAT 262 Differential Equations	CB	3
Gen Ed-Arts		CB, OL	3

### Fourth Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	PHY 231 Physics with Calculus II	CB	4
Gen Ed-Add Math/Lab Science	MAT 241 Calculus III	CB	4
Gen Ed-Humanities		CB, OL	3
Elective		CB, OL	4

Total Credits Required: 64

\*Key     CB = Campus-Based (In Person or Hybrid: Requires attendance at a physical location)

          OL = Online (Synchronous, Asynchronous, or Online Combo)

Reviewed: 3/1/2025

Notes: