

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: Biology (Microbiology Concentration) - Associate of Science Degree

Locations Offered: Douglas Campus and Sierra Vista Campus

First Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	BIO 181 General Biology I (for majors) (SUN# BIO 1181)	CB	4
Gen Ed-Social & Beh Sciences		CB, OL	3
Gen Ed-Composition	ENG 101 Composition (SUN# ENG 1101) or ENG 101L Composition with Support Lab	CB, OL	3
Gen Ed-Laboratory Sciences	CHM 151 General Chemistry I (SUN# CHM 1151)	CB, OL	4

Second Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	BIO 182 General Biology II (SUN# BIO 1182) ***	CB	4
Gen Ed-Composition	ENG 102 English Composition (SUN# ENG 1102)	CB, OL	3
Gen Ed-Laboratory Sciences	CHM 152 General Chemistry II (SUN# CHM 1152)	CB, OL	4
Gen Ed-Mathematics	MAT 220 Calculus I or higher (SUN# MAT 2220)	CB, OL	3-5

Third Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Gen Ed-Add Math/Lab Science	PHY 111 General Physics I (SUN# PHY 1111)	CB, OL	4
Core Curriculum or Elective	BIO 205 Microbiology (SUN# BIO 2205)	CB, OL	4
Core Curriculum	CHM 235 General Organic Chemistry I (SUN# CHM 2235) **	CB	4
Gen Ed-Humanities		CB, OL	3
Gen Ed-Arts		CB, OL	3

Fourth Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	MAT 231 Calculus II (SUN# MAT 2230)	CB, OL	4
Core Curriculum or Elective	Elective	CB, OL	3-4
Core Curriculum	CHM 236 General Organic Chemistry II (SUN# CHM 2236) ***	CB	4
Gen Ed-Social & Beh Sciences		CB, OL	3

Total Credits Required: 60-63

*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:

** Fall only

*** Spring only