

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: Physics (Astronomy Concentration) - Associate of Science Degree

Locations Offered: Sierra Vista and Douglas Campuses

First Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
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, OL	4
Gen Ed-Mathematics	MAT 220 Calculus I or higher	CB, OL	3-5
Gen Ed-Social & Beh Sciences		CB, OL	3

Second Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Gen Ed-Add Math/Lab Science	MAT 231 Calculus II	CB, OL	4
Gen Ed-Composition	ENG 102 English Composition	CB, OL	3
Gen Ed-Laboratory Sciences	CHM 152 General Chemistry II	CB, OL	4
Elective	PHY 111 – General Physics I or Elective ***	CB, OL	3-4

Third Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	PHY 230 Physics with Calculus I ****	CB, OL	4
Gen Ed-Add Math/Lab Science	MAT 241 Calculus III	CB, OL	4
Gen Ed-Arts		CB, OL	3
Gen Ed-Social & Beh Sciences		CB, OL	3
Elective		CB, OL	3

Fourth Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	AST 180 Introduction to Astronomy **	CB, OL	4
Core Curriculum	PHY 231 Physics with Calculus II *****	CB, OL	4
Gen Ed-Humanities		CB, OL	3
Elective		CB, OL	3-5

Total Credits Required: 60-61

*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: **Typically taught on the Sierra Vista Campus

***PHY 111 is a prerequisite for PHY 230 and is recommended if they don't have the prerequisite.

**** Fall only

***** Spring only