

## 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 (Physical Science 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      | GLG 101 Intro to Geology I Physical   | 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

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

\*\*\* Fall only

\*\*\*\* Spring only