

2025 - 2026

## Physical Science Associate in Science Degree

Complete the following program of study (Major C.6300.AS). Major requirements (24 units minimum).

Purpose: To provide a background in physical science or to prepare students for transfer into chemistry, geology, physics, and engineering four-year programs. These four-year programs require more courses than the minimum program given here. The major also provides valuable background for physical science technicians and engineering aides.

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_ Date: \_\_\_\_\_

### Course Overview and Selection

#### Required Core:

| Course                        | Course Description                                                                   | Units             | Completed | In Progress | Planned |
|-------------------------------|--------------------------------------------------------------------------------------|-------------------|-----------|-------------|---------|
| <b>CHEM 1A or<br/>CHEM 3A</b> | General Chemistry <i>or</i><br>Introduction to General Chemistry                     | <b>5 or<br/>4</b> |           |             |         |
| <b>CHEM 1B or<br/>CHEM 8</b>  | General Chemistry and Qualitative Analysis <i>or</i><br>Elementary Organic Chemistry | <b>5 or<br/>3</b> |           |             |         |
| <b>MATH 5A</b>                | Math Analysis I                                                                      | <b>5</b>          |           |             |         |
| <b>MATH 5B</b>                | Math Analysis II                                                                     | <b>4</b>          |           |             |         |

#### Select one sequence from the following:

| Course                                         | Course Description                                                                                                                                  | Units     | Completed | In Progress | Planned |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-------------|---------|
| <b>PHYS 2A and<br/>PHYS 2B</b>                 | General Physics I <i>and</i><br>General Physics II                                                                                                  | <b>8</b>  |           |             |         |
| <b>PHYS 4A and<br/>PHYS 4B and<br/>PHYS 4C</b> | Physics for Scientists and Engineers I <i>and</i><br>Physics for Scientists and Engineers II <i>and</i><br>Physics for Scientists and Engineers III | <b>12</b> |           |             |         |

#### Program Learning Outcomes:

1. Recognize and utilize correctly the terminology of math, statistics and/or science.
2. Analyze and interpret data using quantitative and qualitative methods.

#### Comments: