

2020-2021

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
CHEM 1A or CHEM 3A	General Chemistry <i>or</i> Introduction to General Chemistry	5 or 4			
CHEM 1B or CHEM 8	General Chemistry and Qualitative Analysis <i>or</i> Elementary Organic Chemistry	5 or 3			
MATH 5A	Math Analysis I	5			
MATH 5B	Math Analysis II	4			

Select one sequence from the following:

Course	Course Description	Units	Completed	In Progress	Planned
PHYS 2A and PHYS 2B	General Physics I (1) <i>and</i> General Physics II (2)	8			
PHYS 4A, 4B, and 4C	Physics for Scientists and Engineers	12			

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: