

Pre-Health Science: AS Degree

The Associate in Science Degree in Pre-health Science emphasizes courses that satisfy preliminary academic requirements of the core curriculum for health care professions. Required coursework for the degree includes integrated lecture and laboratory courses in biology and chemistry that are prerequisites for many health science and health occupations programs. To fulfill the requirements for this degree, students will complete the required courses and work with a counselor to determine the appropriate pattern of general education courses based on the student's individual educational goals.

Program Learning Outcomes

- Outcome 1: Demonstrate a fundamental understanding of the anatomy and physiology of the major organ systems in humans.
- Outcome 2: Describe chemical and physical processes at the molecular level and how they relate to the macroscopic environment.

Required Courses:	Units
CHEM 110 Introduction to Chemistry	4
<i>or</i>	
CHEM 120 General Chemistry 1	5
and	
BIOL 105 Human Biology	4
<i>or</i>	
BIOL 120 General Biology	4
 <i>Plus two of the following:</i>	
BIOL 218 Human Anatomy	5
BIOL 219 Human Physiology	5
BIOL 220 General Microbiology	5
 Total units for the major	 18-19
Total units	60

Pre-nursing and pre-respiratory care students are advised to take all three 200-level biology courses (BIOL 218, 219 and 220) to complete the prerequisites for these programs. Other allied health programs may have different requirements. Students are advised to consult with the particular institutions and programs of interest to determine their specific requirements.