

HEALTH SCIENCES - ASSOCIATE IN ARTS

About the Program

San José City College offers an Associate in Arts (AA) Health Sciences. The Health Sciences program will provide students with a strong foundation in human anatomy, human physiology, and microbiology. The courses in this certificate are the common prerequisites for community college and university health occupations majors including nursing, respiratory therapy, radiological science, physical therapy, occupational health, dental assistant, and dental hygiene.

- Describe the structure and function of the cells, tissues, organs, and organ systems of the human body.
- Examine how the body maintains homeostasis and predict how it will respond when compensating for deviations from homeostasis.
- Investigate how microorganisms interact with the human body and examine how these interactions lead to health or human disease.

Major Requirements

Course	Title	Credits
BIOL 071	Human Anatomy	5
BIOL 072	Human Physiology	5
BIOL 074	General Microbiology	5
Complete one of the following courses		
CHEM 001A	General Chemistry	5
CHEM 001AH	Honors General Chemistry	5
CHEM 015	Fundamentals of Chemistry	4
CHEM 015H	Honors Fundamentals of Chemistry	4
CHEM 032A	Intro to General, Organic, & Biological Chemistry	4
<i>Total Units</i>		<i>19-20</i>

A.A. Degree Requirements

Course	Title	Credits
General Education		39
Physical Activity		1
Elective		1
<i>Total Units</i>		<i>60-61</i>