

# HEALTH SCIENCES - CERTIFICATE OF ACHIEVEMENT LEVEL 2

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San José City College offers a Certificate of Achievement in Health Sciences. This certificate 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.

A grade of "C" or better is required in all coursework for the major. A "P" (Pass) grade is an acceptable grade for courses in the major if the course is taken on a "pass/no pass" basis.

- 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.

## Certificate 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>