

Health Science

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The Health Science program is designed for those students planning to transfer to two-year institutions to attain specific and additional training in a particular field of study such as dental hygiene, health care assistant, nursing and radiology technician. Requirements for admission to each of these programs vary among institutions.

Program Student Learning Outcomes

Upon completion of the program, students will be able to:

- recognize and identify key structures in critical biological systems such as the nervous, muscular, and cardiovascular systems.
- understand the functions of key bodily systems and how they operate in a coordinated manner with other systems to maintain systemic homeostasis.
- identify the differences in cell wall structures and basic microbial metabolic processes as they relate to health of a human being.
- demonstrate the critical thinking skills, quantitative analysis methods, and chemical specific terminology for chemical training used in medicine.
- understand the interrelationships between the six basic types of nutrients, healthy dietary habits, and how they pertain to normal digestive functioning.

Associate Degree Requirements:

- Complete a minimum of 18 semester units in a major or area of emphasis
- Complete Local General Education and District requirements
- Complete elective units for total of 60 degree applicable semester units
- Complete all required courses for the major or area of emphasis, English, and math with a “C” or better
- Obtain an overall minimum grade point average of 2.0

Course #	Title	Units
Required Core Courses		
BIO 032	Human Anatomy	4
BIO 035	Human Physiology	4
BIO 038	Microbiology	4
CHEM 001A ...	General Chemistry I	5
or CHEM 002A	Introductory Chemistry I	4
NUT 001	Basic Nutrition	3
Total		19-20

*This is a **recommended sequence** of courses for timely completion of this program. Entry in to transfer level English and math is required to follow this recommended sequence. Please see your counselor to formalize your personalized educational plan or for alternative planning.*

SEMESTER 1		SEMESTER 2		SEMESTER 3		SEMESTER 4	
ENG 001A	3	BIO 032	4	BIO 035	4	BIO 038	4
MATH 063	5	NUT 001	3	CHEM 002A	4	COM-001 or 004.....	3
IS 001	3	IS 001	3	PSYCH 001	3	ELECTIVE 001-049.....	7
HE 035	3	AREA C.....	3	SOC-001 or 002.....	3	PE ACTIVITY.....	1
PE ACTIVITY.....	1	ELECTIVE 001-049.....	6		14		15
	15		16				