

# HEALTH SCIENCES, A.S.

**Location(s):** AL, AN, LO, MA, NOL, WO

**NOVA Code:** 620

## Purpose

The academic foundation in this degree will allow students to continue their education by applying to a competitive program at the Medical Education Campus or prepare for entry to a variety of allied health or health sciences baccalaureate programs. Students should consult an academic advisor in selecting electives to this curriculum.

## Transfer Information

Since four-year colleges can vary in their course and GPA requirements for a health science major, please consult a counselor or an academic advisor regarding specific requirements and course selection.

## Recommended Preparation

Satisfactory completion of the following high school units or equivalent: 4 units of English; 2 units of mathematics (algebra and geometry); 1 unit of laboratory science; and 1 unit of social studies.

## Two Years

Course	Title	Credits
<b>1st Semester</b>		
ENG 111	College Composition I	3
BIO 101 or BIO 141	General Biology I or Human Anatomy And Physiology I	4
Select one of the following: <sup>1</sup>		3
MTH 154	Quantitative Reasoning	
MTH 161	PreCalculus I (or Higher)	
PSY 200 or PSY 230	Principles of Psychology or Developmental Psychology	3
SDV 101 or SDV 100	Orientation to: (Healthcare) or College Success Skills	1
<b>Credits</b>		<b>14</b>
<b>2nd Semester</b>		
HIM 111	Medical Terminology <sup>2</sup>	3
BIO 102 or BIO 142	General Biology II or Human Anatomy and Physiology II	4
ENG 112	College Composition II	3
Transfer Elective (p. 1)		2-4
Select one of the following CST Electives:		3
CST 229	Intercultural Communication	
CST 100	Principles of Public Speaking	
CST 110	Introduction to Human Communication	
CST 126	Interpersonal Communication	
<b>Credits</b>		<b>15-17</b>
<b>3rd Semester</b>		
MTH 245	Statistics I (or Higher)	3
Humanities/Fine Arts Elective ( <a href="https://catalog.nvcc.edu/general-education-electives/#ge_hum_fa_elect">https://catalog.nvcc.edu/general-education-electives/#ge_hum_fa_elect</a> ) <sup>3</sup>		3
Social/Behavioral Sciences Elective ( <a href="https://catalog.nvcc.edu/general-education-electives/#ge_soc_beh_sci_elec">https://catalog.nvcc.edu/general-education-electives/#ge_soc_beh_sci_elec</a> )		3
Transfer Elective (p. 1)		3
Transfer Elective (p. 1)		3
<b>Credits</b>		<b>15</b>
<b>4th Semester</b>		
HIS Elective ( <a href="https://catalog.nvcc.edu/general-education-electives/#ge_hist_elec">https://catalog.nvcc.edu/general-education-electives/#ge_hist_elec</a> )		3

Humanities/Fine Arts Elective ( <a href="https://catalog.nvcc.edu/general-education-electives/#ge_hum_fa_elect">https://catalog.nvcc.edu/general-education-electives/#ge_hum_fa_elect</a> ) <sup>3</sup>	3
Physical or Life Science Elective w/Lab ( <a href="https://catalog.nvcc.edu/general-education-electives/#ge_phy_life_sci_elec">https://catalog.nvcc.edu/general-education-electives/#ge_phy_life_sci_elec</a> )	4
Transfer Elective (p. 1)	3
Transfer Elective (p. 1)	3
<b>Credits</b>	<b>16</b>
<b>Total Credits</b>	<b>60-62</b>

Electives should be chosen with the advice of an academic advisor to meet the requirements of the intended transfer institution.

- <sup>1</sup> MTH 155 Statistical Reasoning is not available for credit since MTH 245 Statistics I is a required course for this degree program, as credit will not be awarded for both courses.
- <sup>2</sup> May substitute HLT 141 Introduction to Medical Terminology or HLT 143 Medical Terminology I. However, transfer elective should be added, if total degree credits do not equal at least 60.
- <sup>3</sup> Students must choose courses from two of the following three areas: Fine Arts, Humanities, and Literature. Credit will not be awarded for taking two courses from the same area.

## Transfer Electives

Requirement may be met by a General Education (<https://catalog.nvcc.edu/general-education-electives/>) course or the following:

Code	Title	Credits
BIO 145	Basic Human Anatomy & Physiology	4
BIO 150	Microbiology for Health Sciences	4
BIO 206	Cell Biology	4
CHM 241	Organic Chemistry I	3
CHM 245	Organic Chemistry I Laboratory	2
CST 229	Intercultural Communication	3
DIT 121	Nutrition I	3
DMS 100	Orientation to the Sonography Profession	1
HLT 110	Personal and Community Health	3
HLT 230	Principles of Nutrition	3
HLT 250	General Pharmacology	3
ITE 152	Introduction to Digital and Information Literacy and Computer Applications	3
PSY 240	Health Psychology	3
RAD 105	Introduction to Radiology, Protection and Patient Care	2
RTH 120	Fundamental Theory for Respiratory Care	2
MTH 133	Mathematics for Health Professions	3
VET 111	Anatomy & Physiology of Domestic Anim (for those interested in the Veterinary Technology only.)	4