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
1st Semester		
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: [1]		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
	Credits	**14**
2nd Semester		
HIM 111	Medical Terminology [2]	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	
	Credits	**15-17**
3rd Semester		
MTH 245	Statistics I (or Higher)	3
Humanities/Fine Arts Elective (https://catalog.nvcc.edu/general-education-electives/#ge_hum_fa_elect) [3]		3
Social/Behavioral Sciences Elective (https://catalog.nvcc.edu/general-education-electives/#ge_soc_beh_sci_elec)		3
Transfer Elective (p. 1)		3
Transfer Elective (p. 1)		3
	Credits	**15**
4th Semester		
HIS Elective (https://catalog.nvcc.edu/general-education-electives/#ge_hist_elec)		3
Humanities/Fine Arts Elective (https://catalog.nvcc.edu/general-education-electives/#ge_hum_fa_elect) [3]		3
Physical or Life Science Elective w/Lab (https://catalog.nvcc.edu/general-education-electives/#ge_phy_life_sci_elec)		4
Transfer Elective (p. 1)		3
Transfer Elective (p. 1)		3
	Credits	**16**
	Total Credits	**60-62**

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

1. 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.
2. 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.
3. 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 206	Introduction to Kinesiology	3
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
SUR 100	Introduction to Surgical Technology	2
VET 111	Anatomy & Physiology of Domestic Anim (for those interested in the Veterinary Technology only.)	4