

## Associate of Science – Health Sciences – 61 hours

The mission of the Henderson state University's Associate of Science in Health Sciences Degree is to prepare students for completion of the liberal arts and scientific core courses required for successful entry and completion of an academic program in the Health Sciences. It also gives students flexibility in choosing a program of study in the Health Sciences. A 41 hour core of course work is required followed by 20 hours of specific courses in science and other electives to prepare students for a particular track or area of study. Tracks include pre-nursing, pre-radiography, pre-nuclear medicine technology, pre-medical technology, and pre-dental hygiene. This will give students greater flexibility in changing academic/career paths, while still pursuing health sciences, will provide students interested in health sciences who choose not to finish the bachelor's an associate's Degree that will open up certain job opportunities, and will prepare students for in-demand careers.

### REQUIRED COURSES

#### General Education Requirements (40-41 hours)

GEN 1031	Henderson Seminar.....	1
ENG 1463	Freshman English A .....	3
ENG 1473	Freshman English B.....	3
MTH 1243	College Algebra (or higher math).....	3
COM 2013	Oral Communications .....	3
	Fine Arts/Humanities (ART, MUS, THA).....	3
	Fine Arts/Humanities (Literature) .....	3
	Life Fitness or PE elective .....	1
HIS 1013	World Civilization (or HIS 1023) .....	3
	American Nat. Govt. or US History .....	3
PSY 1013	General Psychology.....	3
BIO 1013	Introduction to Biology.....	3
BIO 1021	Introduction to Biology Lab.....	1
	Physical Science covered in a track below	
	Core Elective covered in a track below	

Required Core classes (8 hours) \*\*An assessment for the degree program will need to be conducted here\*\*

BIO 2174	Human A&P I.....	4
BIO 2184	Human A&P II.....	4

COURSES IN ONE OF THE TRACKS BELOW (20 hours) — must choose one of the following tracks:

#### **Pre-Nursing track**

BIO 2094	Microbiology & lab.....	4
CHM 1034	Gen. Chemistry for NM & lab.....	4
FCS 2103	Nutrition.....	3
NSG 2561	Nursing as a Profession.....	1
SOC 1013	Introduction to Sociology.....	3
	Electives – 5 hours.....	5

**Pre-Radiography track**

BIO or CHM Science Elective .....	4
PHY2034 Gen. Physics I & lab .....	4
CSC 2003 Introduction to Computers .....	3
ENG University or Creative Writing.....	3
PHI 3113 Ethics .....	3
Non-Western Culture .....	3

**Pre-Dental Hygiene track**

BIO 2094 Microbiology & lab.....	4
CHM 1034 Gen. Chemistry for NM & lab.....	4
SOC 1013 Introduction to Sociology.....	3
Electives – 9 hours.....	9

**Pre-Medical Technology track**

BIO 3094 Microbiology & lab.....	4
CHM 1014 Univ. Chemistry I & lab.....	4
CHM 1024 Univ. Chemistry II & lab .....	4
CHM 2084 Quantitative Analysis & lab .....	4
Elective – 4 hours .....	4

**Pre-Nuclear Medicine Technology track**

CHM 1014 Univ. Chemistry I & lab.....	4
CHM 1024 Univ. Chemistry II & lab .....	4
PHY 2034 Gen. Physics I & lab .....	4
PHY 2044 Gen. Physics II & lab .....	4
Elective – 4 hours .....	4

**General track**

Physical Science (with lab) .....	4
Science Elective (with lab).....	4
Electives – 12 hours.....	12