

# HEALTH SCIENCES: PRE-ACCELERATED NURSING CONCENTRATION, BACHELOR OF SCIENCE

Graduates of the Health Science Pre-Accelerated Nursing coursework are prepared to be admitted into the Bachelor of Science in Nursing accelerated program at CSU Pueblo if they meet the appropriate GPA requirements. They are also prepared for general health science related professional positions. This concentration is an excellent selection for students preparing for the accelerated nursing program or work in careers in clinics, academic institutions, laboratories, government and community and private agencies as well as advanced study in fields such as nursing, occupational therapy, physical therapy, allied health, behavioral health and health navigation among others.

## Student Learning Outcomes

1. Summarize and synthesize information relevant to assessing and improving healthcare and population health;
2. Exhibit the ability to read and interpret scientific research with application of the scientific methods, statistics, study design, and reporting in the health sciences;
3. Evaluate and integrate critical concepts and skills acquired in the health sciences curriculum to common professional problems in the fields of interest;
4. Exhibit effective oral and written communication as well as mass communication regarding subjects related to the health sciences in an individual and group setting;
5. Apply and demonstrate knowledge, skills and critical problem solving in a field-based and/or clinical setting.

## Specific Program Requirements

### Specific Core Requirements

Course	Title	Credits
HS 101	Introduction to Health Professions	2
CHEM 111 & 111L	Principles of Chemistry (GT-SC2) and Principles of Chemistry Lab (GT-SC1) <sup>1</sup>	4
NSG 207	Nursing Pathophysiology	3
BIOL 220	Medical Terminology	2
<b>Total Credits</b>		<b>11</b>

<sup>1</sup> Students interested in Physical Therapy, Physician Assistant or Occupational Therapy should take CHEM 121 General Chemistry I (GT-SC2) (4 c.h.) & CHEM 121L General Chemistry Lab I (GT-SC1) (1 c.h.).

### Specific Concentration Requirements

Course	Title	Credits
<b>Required Concentration Courses</b>		
BIOL 206	Introduction to Microbiology	3
BIOL 206L	Introduction to Microbiology Lab	1
CIS 103	Introduction to PowerPoint	1
CIS 104	Introduction to Excel Spreadsheets	1

HS 330	Epidemiology & Disease Prevention	3
HS 493	Seminar	2
HS 498	Internship	6
<b>Choose from the below: 26 credits must be upper division courses</b>		<b>37</b>
ANTH 100 or SOC 101	Cultural Anthropology (GT-SS3) Introduction to Sociology (GT-SS3)	3
BIOL 112	Nutrition	3
EPER 162	Personal Health	3
EPER 162L	Personal Health Lab	1
EPER 201	Drugs and Healthy Lifestyles	3
EPER 212	Sports Nutrition	3
EPER 222	Behavior Facilitation	3
HS 230	Foundations of Public Health	3
NSG 231	Concepts for Professional Nursing	2
AT 232	First Aid	2
AT 234	Emergency Care	2
AT 260	Injury/Illness Care and Prevention	3
AT 301	Physical Assessment	3
NSG 302	Health Promotion and Assessment	2
NSG 302L	Health Promotion and Assessment Lab	1
NSG 308	Pharmacology in Nursing Practice	3
HS 312	Nutrition & Food Systems in Public Health	3
SOC 315	Health, Culture, and Society	3
HS 320	Evaluation of Health Issues	3
HS 322	Health Coaching Concepts	3
AT 323	Functional Exercise Training	2
HS 325	Health Communication	3
NSG 331	HEALTHY AGING	2
HS 335	Public Health and the Environment	3
HS 336	Community and Global Health	3
EPER 343	Research and Statistics	3
NSG 351	Evidence Based Nursing Practice	3
PSYC 362	Abnormal Psychology	3
NSG 371	Healthcare Informatics	2
HS 402	Grant Writing & Community Partnerships	3
HS 422	Applied Health Coaching	3
HS 430	Public Health Program Planning	3
HS 435	Public Health Program Evaluation	3
EPER 436	Exercise Assessment & Prescription	3
EPER 461	Managing Events & Programs	3
HS 491	Special Topics	1-6
HS 492	Research	1-6
EPER 494	Field Experience	1-6
HS 495	Independent Study	1-6

### Other Required Courses

BIOL 223	Human Physiology and Anatomy I (GT-SC2)	3
BIOL 223L	Human Physiology and Anatomy I Lab (GT-SC1)	1
BIOL 224	Human Physiology and Anatomy II (GT-SC2)	3
BIOL 224L	Human Physiology and Anatomy II Lab (GT-SC1)	1
CID 103	Speaking & Listening	3
MATH 156	Introduction to Statistics (GT-MA1)	3
PSYC 151	Human Development (GT-SS3)	3

General Education: English	6
General Education: History	3
General Education: Humanities	6
General Education: Social Science	3
Electives or Minor <small>Students must have at least 40 upper-division credits. 37 credits in the major are upper-division</small>	20
<b>Total Credits</b>	<b>120</b>

## Specific Graduation Requirements

All HSHM Majors are required to:

- Complete a concentration of study with a cumulative GPA of 2.50 or higher.
- Earn a 2.0 overall GPA to enroll in 300 or 400-level courses in the department;
- Earn a minimum grade of a “C” in all prerequisite and major courses;
- Repeat prerequisite and major courses with a grade of “D” or lower until a grade of “C” or higher is achieved; and
- Earn a cumulative GPA of 2.0 or higher in required English and speech communication courses.
- Earn at least 120 credit hours with at least 40 upper-division credits.
- Successfully complete an internship or field experience course.
- Submit a graduation contract by the deadline the semester of graduation.

## Planning Sheet

Disclaimer: The Planning Sheet is designed as a guide for student’s planning their course selections. The information on this page provides only a suggested schedule. Actual course selections should be made with the advice and consent of an academic advisor. While accurately portraying the information contained in the college catalog, this form is not considered a legal substitute for that document. Students should become familiar with the catalog in effect at the time in which they entered the institution.

Course	Title	Credits
<b>Year 1</b>		
<b>Fall</b>		
BIOL 223 & 223L	Human Physiology and Anatomy I (GT-SC2) and Human Physiology and Anatomy I Lab (GT-SC1)	4
CID 103	Speaking & Listening	3
ENG 101	Rhetoric & Writing I (GT-CO1)	3
HS 101	Introduction to Health Professions	2
MATH 156	Introduction to Statistics (GT-MA1)	3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
BIOL 224 & 224L	Human Physiology and Anatomy II (GT-SC2) and Human Physiology and Anatomy II Lab (GT-SC1)	4
CHEM 111 & 111L	Principles of Chemistry (GT-SC2) and Principles of Chemistry Lab (GT-SC1)	4
PSYC 151	Human Development (GT-SS3)	3
General Education	English and World Language	6
<b>Credits</b>		<b>17</b>
<b>Year 2</b>		
<b>Fall</b>		
BIOL 206 & 206L	Introduction to Microbiology and Introduction to Microbiology Lab	4
NSG 207	Nursing Pathophysiology	3
General Education	Humanities, History, & Social Science	9
<b>Credits</b>		<b>16</b>

<b>Spring</b>		
CIS 103	Introduction to PowerPoint	1
CIS 104	Introduction to Excel Spreadsheets	1
HS 230	Foundations of Public Health	3
Concentration Courses	<small>Must be HS course. Must be lower division.</small>	8
Electives or Minor		3
<b>Credits</b>		<b>16</b>

<b>Year 3</b>		
<b>Fall</b>		
BIOL 220	Medical Terminology	2
HS 330	Epidemiology & Disease Prevention	3
Concentration Courses	<small>Must be HS course. Must be upper division.</small>	3
Elective or Minor		6
<b>Credits</b>		<b>14</b>

<b>Spring</b>		
Concentration Courses	<small>Must be HS course. Must be upper division.</small>	8
Elective or Minor		7
<b>Credits</b>		<b>15</b>

<b>Year 4</b>		
<b>Fall</b>		
HS 493	Seminar	2
Concentration Courses	<small>Must be upper division</small>	9
Electives or Minor		4
<b>Credits</b>		<b>15</b>

<b>Spring</b>		
HS 498	Internship	6
Concentration Courses	<small>Must be upper division.</small>	6
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>120</b>