

HEALTH SCIENCES: GENERAL HEALTH SCIENCE CONCENTRATION, BACHELOR OF SCIENCE

Graduates of the General Health Science coursework are prepared for health science related professional positions. This concentration is an excellent selection for students preparing for 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, or 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) ¹	4
NSG 207	Nursing Pathophysiology	3
BIOL 220	Medical Terminology	2
Total Credits		11

¹ 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
Required Concentration Courses		
CIS 103	Introduction to PowerPoint	1
CIS 104	Introduction to Excel Spreadsheets	1
HS 493	Seminar	2
HS 498	Internship	6
Choose from the below: ^{29 credits must be upper division courses}		44
ANTH 100	Cultural Anthropology (GT-SS3)	3
or SOC 101	Introduction to Sociology (GT-SS3)	

BIOL 112	Nutrition	3
CHEM 122	General Chemistry II (GT-SC2)	4
CHEM 122L	General Chemistry Lab II (GT-SC1)	1
EPER 162	Personal Health	3
EPER 162L	Personal Health Lab	1
ACCT 201	Principles of Financial Accounting	3
ECON 201	Principles of Macroeconomics (GT-SS1)	3
EPER 201	Drugs and Healthy Lifestyles	3
BIOL 206	Introduction to Microbiology	3
BIOL 206L	Introduction to Microbiology Lab	1
EPER 222	Behavior Facilitation	3
HS 230	Foundations of Public Health	3
AT 232	First Aid	2
AT 234	Emergency Care	2
AT 260	Injury/Illness Care and Prevention	3
AT 301	Physical Assessment	3
CHEM 301	Organic Chemistry I	3
CHEM 301L	Organic Chemistry Lab I	2
CHEM 302	Organic Chemistry II	3
CHEM 302L	Organic Chemistry Lab II	2
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 Public Health Issues	3
HS 322	Health Coaching Concepts	3
AT 323	Functional Exercise Training	2
HS 325	Health Communication	3
HS 330	Epidemiology and Disease Prevention	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
EPER 344	Exercise Physiology	3
EPER 344L	Exercise Physiology Lab	1
NSG 351	Evidence Based Nursing Practice	3
PSYC 362	Abnormal Psychology	3
EPER 364	Kinesiology	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
EPER 432	Applied Sport & Exercise Psychology	3
HS 435	Public Health Program Evaluation	3
EPER 436	Exercise Assessment and Prescription	3
EPER 440	Biomechanics	3
NSG 442	Global Public Health	3
NSG 442L	Global Public Health Lab	2.5
NSG 442S	Global Public Health Simulation	0.5
EPER 461	Managing Events & Programs	3
HS 491	Special Topics	1-6

HS 492	Research	1-6
HS 494	Field Experience	1-12
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	Students must have at least 40 upper-division credits. 37 credits in the major are upper-division	20
Total Credits		120

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.

*Must be a required concentration course. In addition, 40 credits with a minimum of 28 upper division if HS 498 is taken or 46 credits from the following with a minimum of 34 upper division is HS 494 is taken.

Course	Title	Credits
Year 1		
Fall		
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
Lower division major selection courses	suggest EPER 162 & 162	4
Credits		15

Spring		
BIOL 220	Medical Terminology	2
CIS 103	Introduction to PowerPoint	1
CIS 104	Introduction to Excel Spreadsheets	1
Lower division major selection courses	Suggest AT 232, HS 230	5
General Education English		3
General Education course	Humanities	3
Credits		15
Year 2		
Fall		
BIOL 223	Human Physiology and Anatomy I (GT-SC2)	3
BIOL 223L	Human Physiology and Anatomy I Lab (GT-SC1)	1
PSYC 151	Human Development (GT-SS3)	3
Lower division major selection courses	Suggest EPER 222	3
Elective or Minor		3
General Education course	Humanities	3
Credits		16
Spring		
BIOL 224	Human Physiology and Anatomy II (GT-SC2)	3
BIOL 224L	Human Physiology and Anatomy II Lab (GT-SC1)	1
Lower Division Major Elective Courses		3
Elective or Minor		3
General Education course	Social Sciences and History	6
Credits		16
Year 3		
Fall		
CHEM 111	Principles of Chemistry (GT-SC2)	3
CHEM 111L	Principles of Chemistry Lab (GT-SC1)	1
Upper division major selection courses		6
Elective or Minor		6
Credits		16
Spring		
NSG 207	Nursing Pathophysiology	3
Upper Division Major Elective Courses		8
Elective or Minor		4
Credits		15
Year 4		
Fall		
HS 493	Seminar	2
Upper division major selection courses		9
Elective or Minor		4
Credits		15
Spring		
HS 498	Internship OR HS 498 for 6 credits and HS electives 6 credits	12
Credits		12
Total Credits		120