

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 healthcare administration.

The BS in Health Science Student Learning Outcomes are as follows:

1. Summarize and synthesize information relevant to assessing and improving population health and healthcare issues;
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 health science 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 problems 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 and PRINCIPLES OF CHEMISTRY LAB 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 (4.0 c.h.) & CHEM 121L GENERAL CHEMISTRY LAB I (1.00 c.h.).

Specific Concentration Requirements

Course	Title	Credits
Required Concentration Courses		
CIS 103	INTRODUCTION TO POWERPOINT	1
CIS 104	INTRODUCTION TO EXCEL SPREADSHEETS	1
Choose one of the two options:		6-12
HS 494	FIELD EXPERIENCE	6
HS 498	INTERNSHIP	12
40 credits (at least 18 hours upper division) from the following if HS 498 is taken or 46 credits (at least 24 upper division) from the following if HS 494 is taken in the previous section		54

ANTH 100 or SOC 101	CULTURAL ANTHROPOLOGY INTRODUCTION TO SOCIOLOGY	3.0
BIOL 112	NUTRITION	3
EPER 162	PERSONAL HEALTH	3.0
EPER 162L	PERSONAL HEALTH LAB	1.0
ACCT 201	PRINCIPLES OF FINANCIAL ACCOUNTING	3.0
ECON 201	PRINCIPLES OF MACROECONOMICS	3.00
EPER 201	DRUGS AND HEALTHY LIFESTYLES	3.0
EPER 222	BEHAVIOR FACILITATION	3.0
HS 230	FOUNDATIONS OF PUBLIC HEALTH	3
AT 232	FIRST AID	2
AT 234	EMERGENCY CARE	2
AT 260	INJURY/ILLNESS CARE & PREVENTION	3
AT 301	PHYSICAL ASSESSMENT	3
ENG 302	GRANT WRITING	3
NSG 302	HEALTH PROMOTION AND ASSESSMENT	2
NSG 302L	HEALTH PROMOTION AND ASSESSMENT LAB	1
NSG 308	PHARMACOLOGY IN NURSING PRACTICE	3
SOC 315	HEALTH, CULTURE, AND SOCIETY	3
HS 320	EVALUATION OF PUBLIC HEALTH ISSUES	3
HS 322	HEALTH COACHING CONCEPTS	3.0
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	3.0
EPER 344	EXERCISE PHYSIOLOGY	3.0
EPER 344L	EXERCISE PHYSIOLOGY LAB	1.0
NSG 351	EVIDENCE BASED NURSING PRACTICE	3
PSYC 362	ABNORMAL PSYCHOLOGY	3.0
EPER 364	KINESIOLOGY	3.0
NSG 371	HEALTHCARE INFORMATICS	2
HS 422	APPLIED HEALTH COACHING	3
HS 430	PUBLIC HEALTH PROGRAM PLANNING	3
EPER 432	APPLIED SPORT & EXERCISE PSYCHOLOGY	3.0
HS 435	PUBLIC HEALTH PROGRAM EVALUATION	3
EPER 436	EXERCISE ASSESSMENT	3.0
EPER 440	BIOMECHANICS	3.0
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 PROGRAMS IN EXHPR	3.0
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	3
BIOL 223L	HUMAN PHYSIOLOGY AND ANATOMY I LAB	1
BIOL 224	HUMAN PHYSIOLOGY AND ANATOMY II	3

BIOL 224L	HUMAN PHYSIOLOGY AND ANATOMY II LAB	1
COMR 103	SPEAKING AND LISTENING	3
MATH 156	INTRODUCTION TO STATISTICS	3
PSYC 151	HUMAN DEVELOPMENT	3.0
General Education: English		6
General Education: History		3
General Education: Humanities		6
General Education: Social Science		3
Courses Outside the Major		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		
EPER 101	Intro to EXPER	2
ENG 101	Rhetoric & Writing I (GT-CO1)	3
PSYC 151	Human Development (GT-SS3)	3
COMR 103	Speaking and Listening	3
Elective	Suggest EPER 162 & 162L	4
Credits		15
Spring		
BIOL 220	Medical Terminology	2
CIS 103	Introduction to PowerPoint	1
CIS 104	Introduction to Excel Spreadsheets	1
ENG 102	Rhetoric & Writing II (GT-CO2)	3
HS Elective	Suggest AT 232	2
MATH 156	Introduction to Statistics (GT-MA1)	3
General Education course		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
HS Electives	Suggest EPER 222, HS 230	6
Elective or Minor		3
General Education course		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
HS Elective Courses	Must be upper division.	3
Elective or Minor		3
General Education course		6
Credits		16
Year 3		
Fall		
CHEM 111	Principles of Chemistry (GT-SC2)	3
CHEM 111L	Principles of Chemistry Lab (GT-SC1)	1
HS Elective Courses	Must be upper division.	6
Elective or Minor		6
Credits		16
Spring		
NSG 207	Nursing Pathophysiology	3
HS Elective Courses	Must be upper division course.	7
Elective or Minor		4
Credits		14
Year 4		
Fall		
HS Electives courses	Must be upper division course.	12
Elective or Minor		4
Credits		16
Spring		
HS 498	Internship OR HS 494 6 credits and HS electives 6 credits	12
Credits		12
Total Credits		120