

# HEALTH SCIENCES

Degree: Bachelor of Science  
 Certificate: Public Health/Readiness and Response  
 School: Allied Health and Life Sciences  
 Building 58, Room 79  
 (850) 474-2748  
<http://uwf.edu/sahls>  
[dlhs@uwf.edu](mailto:dlhs@uwf.edu)  
 College: Arts and Sciences  
 Semester Hours Required for Degree: 120

Faculty: G. Stewart (Chairperson and Program Coordinator), D. Friedrich, S. Krothapalli, G. Rohrer, E. Rodgers, B. Swain

This interdisciplinary program is designed for health care personnel who are graduates of accredited A.A., A.S. or A.A.S. degree programs (or equivalent). It is proposed in direct response to a strong need for a BS degree in the health sciences for students who have earned the aforementioned degrees and for the large pool of health care workers with similar degrees who need a bachelor's degree for advancement in their current positions or in related areas in health care. It allows eligible students to build upon their previous education and training, receive credit for their prior education, and complete requirements for the B.S. degree in health sciences with specialization in one health-related concentration.

## PROGRAM REQUIREMENTS

In addition to general University requirements, students seeking the B.S. in Health Sciences must meet the requirements listed below.

This degree plan is designed as a two-year program for students with an A.A., A.S. or A.A.S. degree (or equivalent course work) from a regionally accredited institution or from an accredited out-of-state college or university. In order to graduate, all students must complete at least 120 semester hours with a minimum of 48 specified upper-division hours (3000/4000 level) at UWF. A grade of "C" or higher is required in all common prerequisite courses and major courses.

No more than 24% of the program requirements for this degree may be in traditional business subjects.

Consult with your academic advisor for courses which may satisfy both the General Studies requirements and common prerequisites.

### General Studies (36 sh)

Students should take BSC1005/L and CHM2045/L to meet the science component; ECO2013 to meet the social science/socio-political component; MAC1105 and STA2023 to meet the mathematics component; and PSY2012 to meet the social science behavioral component.

For additional information see the General Studies section of this *Catalog*.

### Common Prerequisites (32 sh)

State mandated common prerequisites must be completed prior to graduation, but are not required for admission to the program.

ACG	2021	Principles of Financial Accounting.....3 [ACGX021 or any Accounting Principles I]
ACG	2071	Principles of Managerial Accounting.....3 [ACGX071 or any Accounting Principles II]
+BSC	1005/L	General Biology for Non-Majors/Lab.....4 [BSCXXXX/L or BSCXXXXC]
+CHM	2045/L	General Chemistry I/Lab.....4 [CHMX045/L or CHMX045C]
CGS	2570	Personal Computer Applications.....3 [CGSXXXX]
+ECO	2013	Principles of Economics Macro.....3 [ECO013]
ECO	2023	Principles of Economics Micro.....3 [ECO023]
+MAC	1105	College Algebra.....3 [MACX105]
+PSY	2012	General Psychology.....3 [PSY012]
+STA	2023	Elements of Statistics.....3 [STAXXXX]

+ Indicates common prerequisites which can be used to satisfy General Studies requirements.

### Lower Division Electives (0-11 sh)

Sufficient 1000/2000 level electives to complete at least 60 semester hours in the lower division. Current UWF students may use elective courses at any level (1000-4999) to meet this elective requirement.

### Major (18 sh)

BUL	4602	Legal Fundamentals of Health Care and Public Health.....3
HSA	4191	Health Information Systems.....3
HSA	4430	Health Economics.....3
HSA	4431	Business Analysis and Decision Making in Health Care.....3
HSC	3034	Advances in Health Sciences Technology....3
HSC	4050	Health Sciences Research Seminar.....3

### Major-Related (42 sh)

Students will concentrate their major-related work in one of the following areas of concentration. Courses with a prerequisite that is not part of the concentration are designated by an asterisk (\*) for each such course. Students will meet with an academic advisor to discuss prerequisites and possible transfer courses which may meet prerequisite requirements.

#### Aging Studies

GEY	4001	Gerontology.....3
PEP	4113	Aging and Physical Performance.....3
SOW	4645	Substance Abuse and the Elderly.....3
SOW	4700	Drug Abuse Prevention and Treatment: Special Issues.....3
SOW	4740	Dimensions of Death and Dying: Special Issues.....3
		Advisor approved electives.....27

#### Allied Health

GEY	4001	Gerontology.....3
HSC	3550	Pathophysiology.....3
HSC	4551	Communicable and Infectious Diseases.....3
HSC	4654	End-of-Life Ethics.....3
NUR	3145	Pharmacology.....3
NUR	4177	Holistic Health Care.....3
NUR	4645	Drugs and the Human Body.....3
PCB	4703	Human Physiology.....3
PHC	4XX2	Public Health.....3
PHC	4183	Medical Disaster Management.....3
PHC	4363	Occupational Safety & Health in the Health Care Environment.....3
		Advisor approved electives.....9

**Communication**

COM 3462	Persuasive Communication .....	3
COM 4022	Health Communication .....	3
COM 4103C	Leadership Communication .....	3
COM 4110	Business and Professional Communication .....	3
SPC 2016	Basic Communication Skills.....	3
SPC 3301	Interpersonal Communication.....	3
SPC 3425	Group and Team Communication* .....	3
Advisor approved electives .....		21

**Health Care Administration**

GEB 3032	Business Foundations for Non-Business Majors.....	3
HSA 4110	Health Care Policy and Administration .....	3
MAN 3025	Management Fundamentals .....	3
MAN 3301	Human Resources Management .....	3
MAN 4102	Management of Diversity .....	3
MAR 3023	Marketing Fundamentals .....	3
Advisor approved electives .....		24

**Health Care Ethics**

BSC 4430	Ethical Issues in Biotechnology .....	3
HSC 4652	Introduction to Clinical Ethics Grand Rounds .....	3
HSC 4653	Dilemmas in Medical Practice.....	3
HSC 4654	End-of-Life Ethics .....	3
Advisor approved electives .....		30

**Health Care Professional**

Students in this specialization must have earned an A.S. degree in an appropriate health care area.

ACG 3082	Accounting for Non-Majors .....	3
ECO 3003	Principles of Economic Theory and Public Policy .....	3
ENC 3250	Professional Writing.....	3
GEY 4001	Gerontology .....	3
HSC 3550	Pathophysiology .....	3
HSC 4664	End of Life Ethics.....	3
NUR 3145	Pharmacology .....	3
NUR 4177	Holistic Healthcare .....	3
PCB 4703	Human Physiology.....	3
PHC 4183	Medical Disaster Management .....	3
PHC 4363	Occupational Safety in the Health Care Environment.....	3
Advisor approved electives .....		9

**Medical Information Technology**

CGS 3283	Networking Principles .....	3
COP 3813	Internet Programming .....	3
COP 4710	Database Systems.....	3
HSA 4XX0	Introduction to Medical Informatics .....	3
Advisor approved electives .....		24

Choose two:

CGS 3172	Web Design for e-Commerce .....	3
CGS 3464	Programming Using Visual Basic for Non-Majors .....	3
CGS 3604	Applications of Information Technology.....	3
COP 2253	Programming Using Java .....	3

**Psychology of Health**

CLP 4314	Health Psychology .....	3
EAB 4704	Introduction to Behavior Modification.....	3
PSB 4002	Brain, Behavior and Experience .....	3
Advisor approved electives.....		24

Choose three:

CLP 3144	Abnormal Psychology .....	3
DEP 4402	Adulthood and Aging .....	3
PCO 4310	Interventions in Addictions.....	3
PSB 4731	Psychobiology of Sexual Behavior .....	3
PSY 4832	Sport and Exercise Psychology .....	3

**Advisor Approved Electives**

Students should discuss their career plans with an academic advisor in their field of concentration and choose additional courses to support their career goals. Recommended courses may include:

MCB 3020/L	Microbiology/Lab .....	4
MCB 4276	Epidemiology of Infectious Disease .....	3
MLS 3031	Introduction to Medical Technology .....	2
NUR 4496	The Healthy Woman .....	3
NUR 4645	Drugs and the Human Body .....	3
NUR 4655	Cultural Factors in Health and Illness .....	3
PCB 4703	Human Physiology .....	3
PLA 4601	Wills, Estates, and Trusts.....	3
HSC 3550	Pathophysiology .....	3
SOW 3314	Case Management.....	3
SOW 3620	Practice with Culturally Diverse Populations .....	3
SOW 4111	Adolescents at Risk.....	3
SOW 4242	Families and Family Treatment.....	3
ZOO 3233/L	Parasitology/Lab .....	4
ZOO 4753/L	Histology/Lab .....	4

**Upper Division Electives (0 sh)**