Health Science, BS

The Bachelor of Science in Health Science prepares students for entry-level roles in healthcare-related occupations and careers. It also allows them to continue their education in fields such as dentistry, physical therapy, occupational therapy, and physician assistant studies. Additionally, the program provides a customizable bachelor-level degree option in health for those who are not accepted into the competitive and limited healthcare cohort programs at the university and allows for pathway development opportunities with other institutions.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		**120**
General Education Requirements		**37 Credits**
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC	
ENGL 2010	Intermediate Academic Writing CC	3
MATH 1050	College Algebra QL	3
or MATH 1055	College Algebra with Preliminaries QL	
or MAT 1030	Quantitative Reasoning QL	
or MAT 1035	Quantitative Reasoning with Integrated Algebra QL	
or STAT 1040	Introduction to Statistics QL	
or STAT 1045	Introduction to Statistics with Algebra QL	
PHIL 205G	Ethics and Values IH GI	3
HLTH 1100	Personal Health and Wellness TE	2
or EXSC 1097	Fitness for Life TE	
Complete one of the following American Institution courses:		3
POLS 1000	American Heritage AS (3)	
HIST 2700 & HIST 2710	US History to 1877 AS and US History since 1877 AS (6)	
HIST 1700	American Civilization AS (3)	
POLS 1100	American National Government AS (3)	
BIOL 1610	College Biology I BB	4
CHEM 1210	Principles of Chemistry I PP	4
or CHEM 1110	Elementary Chemistry for the Health Sciences PP	
Third Science (please see an advisor for recommended courses)		3
Fine Art Elective		3
Humanities Elective (COMM 1020 highly recommended)		3
Social Science Elective (PSY 1010 highly recommended)		3
Discipline Core Requirements		**19 Credits**
BIOL 1615	College Biology I Laboratory	1
ZOOL 2320	Human Anatomy	3
ZOOL 2325	Human Anatomy Laboratory	1
ZOOL 2420	Human Physiology	3
ZOOL 2425	Human Physiology Laboratory	1
MICR 2060	Microbiology for Health Professions BB	3
MICR 2065	Microbiology for Health Professions Laboratory	1
HLSC 4840	Healthcare Law WE	3
HLTH 4300	Health Ethics WE	3
Discipline Electives		**20 Credits**
Complete 20 credits of the following health-related courses		20
CHEM 1215	Principles of Chemistry I Laboratory (1)	

PHYS 2015	College Physics I Lab (1)
BIOL 1620	College Biology II (3)
BIOL 1625	College Biology II Laboratory (1)
CHEM 1220	Principles of Chemistry II PP (undefined)
CHEM 1225	Principles of Chemistry II Laboratory (1)
CHEM 2310	Organic Chemistry I (4)
CHEM 2315	Organic Chemistry I Laboratory (1)
CHEM 2320	Organic Chemistry II (4)
CHEM 2325	Organic Chemistry II Laboratory (1)
BIOL/CHEM 3600	Biological Chemistry (3)
PHYS 2020	College Physics II PP (undefined)
PHYS 2025	College Physics II Lab (1)
BIOL 3400 & BIOL 3405	Cell Biology and Cell Biology Laboratory (4)
BIOL 3500	Genetics (3)
SOC 1010	(3)
STAT 2040	Principles of Statistics QL (4)
MATH 1060	Trigonometry QL (3)
MATH 1210	Calculus I QL (4)
ZOOL 4400	Pathophysiology (4)
ZOOL 4700	Advanced Anatomy (4)
ANTH 101G	Social Cultural Anthropology SS GI (3)
Any course with the following health-related prefix: NURS, DENT, RESP, NUTR, HLSC, HLTH, HCA, PSY, ESEC, or any health-related department approved course.	
General Electives	**44 Credits**
Complete 44 credits of electives. Must have 40 upper-division electives for graduation. Please work with an advisor to ensure you meet this requirement.	44

Graduation Reqirements

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits.
2. Residence Requirement: 30 credits must be taken at UVU with 10 of those in the last 45 earned -- except where articulation agreements have been made.
3. An overall GPA of 2.5 or higher.
4. All courses must be completed with a C- or higher.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (http://www.uvu.edu/wolverinetrack/).

First Year		
Semester 1		**Credit Hours**
ENGL 1010	Introduction to Academic Writing CC	3
HLTH 1100	Personal Health and Wellness TE	2
BIOL 1610	College Biology I BB	4
BIOL 1615	College Biology I Laboratory	1
QL Math		3
	Credit Hours	**13**
Semester 2		
ENGL 2010	Intermediate Academic Writing CC	3
ZOOL 2320	Human Anatomy	3
ZOOL 2325	Human Anatomy Laboratory	1

CHEM 1210	Principles of Chemistry I PP	4
or CHEM 1110	or Elementary Chemistry for the Health Sciences PP	
Health -Related Elective	CHEM 1215 should be chosen if CHEM 1210 taken.	4
	Credit Hours	**15**
Second Year		
Semester 3		
American Institutions		3
PHIL 205G	Ethics and Values IH GI	3
COMM 1020	Public Speaking HH (recommended)	3
ZOOL 2420	Human Physiology	3
ZOOL 2425	Human Physiology Laboratory	1
PSY 1010	General Psychology SS (recommended)	3
	Credit Hours	**16**
Semester 4		
MICR 2060	Microbiology for Health Professions BB	3
MICR 2065	Microbiology for Health Professions Laboratory	1
Third Science		3
Fine Arts		3
Health Related Elective		6
	Credit Hours	**16**
Third Year		
Semester 5		
HLSC 4840	Healthcare Law WE	3
Health-Related Elective		4
Elective Requirement		9
	Credit Hours	**16**
Semester 6		
HLTH 4300	Health Ethics WE	3
Elective Requirement		9
Health-Related Elective		3
	Credit Hours	**15**
Fourth Year		
Semester 7		
Elective Requirement		12
Health-Related Elective		3
	Credit Hours	**15**
Semester 8		
Elective Requirement		14
	Credit Hours	**14**
	Total Credit Hours	**120**

Program Learning Outcomes

1. Synthesize interdisciplinary concepts in health professions, biological sciences, and public health.
2. Evaluate scientific health information through critical thinking and problem-solving.
3. Utilize communication, collaboration, and creativity skills in healthcare settings.
4. Examine ethical and legal dilemmas and challenges in healthcare settings.