

# B.S. Health Science, Health Science Concentration

## Program Admissions Requirements

There are no program admission requirements for the B.S. in Health Science.

## General Education

The listing below includes program requirements that also fulfill General Education requirements.

Code	Title	Credits
Objective 1		6
Objective 2		3
Objective 3 - MATH 1153 or MGT 2216		3
Objective 4		6
Objective 5 - Biology and Chemistry requirements in core and concentration fulfill this objective.		7
Objective 6 - PSYC 1101 and SOC 1101		6
<b>Students must fulfill Objective 7 or Objective 8</b>		<b>3</b>
Objective 7		
Objective 8		
Objective 9		3
Total Credits		37

## Major Requirements

Code	Title	Credits
<b>Choose one of the following:</b>		<b>4</b>
BIOL 2227 & 2227L	Human Anatomy and Physiology 1 and Human Anatomy and Physiology 1 Lab (Partially fulfills Objective 5)	
or		
BIOL 3301 & 3301L	Advanced Human Anatomy and Physiology 1 and Advanced Human Anatomy and Physiology 1 Lab	
(BIOL 3301 has a prerequisite of BIOL 1101 or BIOL 2227, either of which will partially fulfill Objective 5.)		
BIOL 3301 & BIOL 3301L are HIGHLY RECOMMENDED for any students interested in pursuing professional degrees in chiropractic, dentistry, allopathic and osteopathic medicine, occupational therapy, optometry, physical therapy, physician assistant studies, and veterinary studies.		
CPH 2200	Promoting Wellness	3
DHS 4426	Evidence Based Research in Health Sciences	3
<b>Choose one of the following:</b>		<b>2</b>
CPH/HCA 2210	Medical Terminology and Communication	
HO 0106	Medical Terminology	
<b>Professional Competencies - Choose one of the following:</b>		<b>3</b>
CPH 4405	Leadership and Policy	
HCA 4475	Health Law and Bioethics	

HO 0107	Medical Law and Ethics	
PHIL 2230	Medical Ethics	
PHIL 4456	Ethical Issues in Healthcare Law and Policy	
<b>Healthcare Competencies</b>		<b>3</b>
ANTH 4411	Advanced Global Health	
CPH 4432	Community and Public Health	
GLBL 4420	Global Health and Policy	
HCA 1115	US Health System	
SOC 3330	Sociology of Health and Illness	
<b>Communication Competencies</b>		<b>2-3</b>
CMP 3308	Groups and Communication	
CMP 3309	Communication Inquiry	
CPH 4410	Health Behavior Change Theory and Application	
CMP 4422	Conflict Management	
CPH 4425	Patient Education Skills	
COUN 3300	Interpersonal Skills in Health Professions	
CPH 4446	Communication Strategies in Community and Public Health	
CPH 4451	Basic Addiction Treatment Skills	
ENGL 3307	Professional and Technical Writing	
<b>Diversity Competencies - Choose one of the following:</b>		<b>0-3</b>
Some courses in this group also fulfill one of the three previous competency areas. The credits for these courses are not counted twice if the course was chosen to complete an earlier core area.		
ANTH 4406	American Indian Health Issues	
ANTH 4407	Anthropology of Global Health	
ANTH 4408	Topics in Medical Anthropology	
ANTH 4409	Clinical Medical Anthropology	
COUN 3300	Interpersonal Skills in Health Professions	
CPH 4425	Patient Education Skills	
DHS 4402	Survey of Aging Issues	
HCA 4475	Health Law and Bioethics	
SOC 2248	Critical Analysis of Social Diversity	
SPAN 2210	Spanish for Health Care I	
<b>Students must have an overall 2.0 Grade Point Average (GPA) in BS Health Science Core courses with no grades below a C-.</b>		
Total Credits		20-24

## Concentration Requirements

Code	Title	Credits
<b>Choose an additional 12 credits from the Health Science core or other approved courses.</b>		<b>12</b>
DHS 1110	Introduction to Health Professions	3

BIOL 3302 & 3302L	Advanced Human Anatomy and Physiology 2 and Advanced Human Anatomy and Physiology 2 Lab <sup>1</sup>	4	ISU Degree Requirements ( <a href="http://coursecat.isu.edu/undergraduate/degree requirements/">http://coursecat.isu.edu/undergraduate/degree requirements/</a> )
<b>Choose one of the following biology courses with lab:</b>			ISU General Education ( <a href="http://coursecat.isu.edu/undergraduate/academic information/generaleducation/">http://coursecat.isu.edu/undergraduate/academic information/generaleducation/</a> )
BIOL 2235 & 2235L	General Microbiology and General Microbiology Lab	<b>4</b>	Major Academic Plan (MAP)
BIOL 2221 & 2221L	Introductory Microbiology and Introductory Microbiology Laboratory		
BIOL 2206 & BIOL 2207	Cell Biology and Cell Biology Laboratory		
<b>Choose one of the following chemistry sequences:</b>			
CHEM 1101 & CHEM 1102 & CHEM 1103	Introduction to Chemistry and Essentials of Organic and Biochemistry and Essentials of Organic and Biochemistry Laboratory	<b>7-9</b>	
CHEM 1111 & 1111L & CHEM 1112 & CHEM 1112L	General Chemistry I and General Chemistry I Lab and General Chemistry II and General Chemistry II Lab		
Either option partially fulfills Objective 5			
<b>Choose one of the following physics sequences:</b>			<b>4</b>
PHYS 1100	Essentials of Physics (Partially fulfills Objective 5)		
PHYS 1101 & 1101L	Elements of Physics and Elements of Physics Laboratory (Partially fulfills Objective 5)		
PHYS 1111 & PHYS 1113	General Physics I and General Physics I Laboratory (Partially fulfills Objective 5)		
MATH 1153 or MGT 2216	Statistical Reasoning (Either course fulfills Objective 3) Business Statistics	3	
NTD 2239 or NTD 3340	Nutrition (Partially fulfills Objective 5) Nutrition for Health Professionals	3	
PSYC 1101	Introduction to Psychology (Partially fulfills Objective 6)	3	
SOC 1101	Introduction to Sociology (Partially fulfills Objective 6)	3	
<b>Students must have an overall 2.0 Grade Point Average (GPA) in Health Science Concentration courses with no grades below a C-.</b>			
Total Credits		46-48	

## Degree Totals

Code	Title	Credits
	Program Admission Requirements	0
	General Education	37
	Core Requirements (w/o General Education)	16-20
	Concentration Requirements (w/o General Education)	16-18
	Upper Division Free Electives	24
	Free Electives	16-20
<b>Total Credits</b>		<b>120</b>