

# B.S. Health Science with a concentration in Health Occupations

## Program Admissions Requirements

Students must be a graduate of or be enrolled in a career technical health occupations program that awards an associates degree. (Out-of-state associate degrees must be evaluated for meeting the Idaho State Board of Education standards.) If the associate degree is over five years old, the degree must be evaluated for currency in the respective technical field.

## 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 <sup>1</sup>		3
Objective 4		6
Objective 5 - Biology and Chemistry requirements in core and concentration fulfill this objective.		7
Objective 6		6
<b>Students must fulfill Objective 7 or Objective 8</b>		<b>3</b>
Objective 7		
Objective 8		
Objective 9		3
<b>Total Credits</b>		<b>37</b>

<sup>1</sup> "P" courses are equivalent to the original course.

## Core 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 1106	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 1107	Medical Law and Ethics	
PHIL 2230	Medical Ethics	
PHIL 4456	Ethical Issues in Healthcare Law and Policy	
<b>Healthcare Competencies - Choose one of the following:</b>		<b>3</b>
ANTH 4411	Advanced Global Health	
CPH 4432	Community and Public Health	
GLBL 4420	Global Health and Policy	
HCA 1115	Global Health Systems	
SOC 3330	Sociology of Health and Illness	
<b>Communication Competencies - Choose one of the following:</b>		<b>2-3</b>
CMP 3308	Groups and Communication	
CMP 3309	Communication Inquiry	
CMP 4422	Conflict Management	
COUN 3300	Interpersonal Skills in Health Professions	
CPH 4410	Health Behavior Change Theory and Application	
CPH 4425	Patient Education Skills	
CPH 4446	Communication Strategies in Community and Public Health	
CPH 4451	Basic Addiction Treatment Skills	
ENGL 3307	Professional and Technical Writing	
<b>Cultural 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 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>		
<b>Total Credits</b>		<b>20-24</b>

**Concentration Requirements**

Code	Title	Credits
BIOL 3302 & 3302L	Advanced Human Anatomy and Physiology 2 and Advanced Human Anatomy and Physiology 2 Lab	4
MATH 1153/1153P	Statistical Reasoning (Satisfies General Education Objective 3)	3
<b>Choose one of the following sequences:<sup>1</sup></b>		<b>7</b>
CHEM 1101 & CHEM 1102 & CHEM 1103	Introduction to Chemistry and Essentials of Organic and Biochemistry and Essentials of Organic and Biochemistry Laboratory	
CHEM 1111 & 1111L & CHEM 1112 & CHEM 1112L	General Chemistry I and General Chemistry I Lab and General Chemistry II and General Chemistry II Lab	
<b>Choose one of the following:<sup>1</sup></b>		<b>4</b>
PHYS 1100	Essentials of Physics	
PHYS 1111 & PHYS 1113 & PHYS 1112 & PHYS 1114	General Physics I and General Physics I Laboratory and General Physics II and General Physics II Laboratory	
<b>Choose one of the following:</b>		<b>3</b>
BIOL 2229	Introduction to Pathobiology	
CPH 4406	Epidemiology	
RESP 2214	Introduction to Pulmonary Disease	
<b>Choose one of the following:</b>		<b>3</b>
HPSS 3300	Movement Theory and Motor Development	
HPSS 3370	Care and Prevention of Athletic Injuries	
NTD 3340	Nutrition for Health Professionals	
PSYC 3301	Psychopathology	
PSYC 3341	Social Psychology	
SOC 3330	Sociology of Health and Illness	
<b>Students must complete all Health Occupation Concentration courses with a grade of "C" or higher.</b>		
<b>Total Credits</b>		<b>24</b>

<sup>1</sup> Each of the following courses partially satisfy General Education Objective 5: CHEM 1101, CHEM 1102/CHEM 1103, CHEM 1111 General Chemistry I/CHEM 1111L General Chemistry I Lab, CHEM 1112 General Chemistry II/CHEM 1112L General Chemistry II Lab, PHYS 1100 Essentials of Physics, PHYS 1111 General Physics I/PHYS 1113 General Physics I Laboratory, and PHYS 1112 General Physics II/PHYS 1114 General Physics II Laboratory.

**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)	17
	Upper Division Free Electives	22

Free Electives	28-24
Total Credits	120

ISU Degree Requirements (<http://coursecat.isu.edu/undergraduate/degree requirements/>)

ISU General Education (<http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation/>)

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