

# Health Science

Program Description	Type	Degree
Health Science, B.S. with Concentration in Health Science ( <a href="https://coursecat.isu.edu/undergraduate/college-of-health/bs-health-science/bs-health-science-health-science-conc/">https://coursecat.isu.edu/undergraduate/college-of-health/bs-health-science/bs-health-science-health-science-conc/</a> )	Degree	B.S.
Health Science, B.S. with Concentration in Health Occupations ( <a href="https://coursecat.isu.edu/undergraduate/technology/healthoccupations/bs-hs-health-occ-conc/">https://coursecat.isu.edu/undergraduate/technology/healthoccupations/bs-hs-health-occ-conc/</a> )	Degree	B.S.
Health Science, B.S. with Concentration in Emergency Medical Services ( <a href="https://coursecat.isu.edu/undergraduate/college-of-health/bs-health-science/bs-health-science-ems-concentration/">https://coursecat.isu.edu/undergraduate/college-of-health/bs-health-science/bs-health-science-ems-concentration/</a> )	Degree	B.S.
Health Science, B.S. with Concentration in Pre-Occupational Therapy, Accelerated ( <a href="https://coursecat.isu.edu/undergraduate/college-of-health/school-of-rehabilitation-and-communication-sciences/physical-and-occupational-therapy/bs-health-science-pre-ot-accelerated-conc/">https://coursecat.isu.edu/undergraduate/college-of-health/school-of-rehabilitation-and-communication-sciences/physical-and-occupational-therapy/bs-health-science-pre-ot-accelerated-conc/</a> )	Degree	B.S.
Health Science, B.S. with Concentration in Pre-Occupational Therapy ( <a href="https://coursecat.isu.edu/undergraduate/college-of-health/school-of-rehabilitation-and-communication-sciences/physical-and-occupational-therapy/bs-health-science-pre-ot-conc/">https://coursecat.isu.edu/undergraduate/college-of-health/school-of-rehabilitation-and-communication-sciences/physical-and-occupational-therapy/bs-health-science-pre-ot-conc/</a> )	Degree	B.S.

The Bachelor of Science degree in Health Science is offered at ISU through the Kasiska Division of Health Sciences in cooperation with the College of Technology. The Bachelor of Science degree in Health Science provides several pathways for students, depending on their ultimate educational and career goals.

The choice of five different areas of concentration allows students flexibility in meeting their professional goals.

## Program Level Outcomes

The objectives of this multidisciplinary degree are to prepare marketable graduates for entry-level employment in the health care field and/or to prepare students for admission to professional schools or graduate programs. Specific outcomes include the following:

1. Assess different methods, advocate for, and provide education related to activities and programs that promote wellness
2. Apply an evidence-based approach to clinical research and practice questions
3. Utilize appropriate medical terminology
4. Understand basic principles of ethical theory and their application to a range of biomedical issues
5. Demonstrate fundamental understanding of anatomy, physiology and basic biological and physical sciences
6. Describe components of the U.S. healthcare system and the role of different healthcare professionals
7. Communicate effectively in healthcare settings

8. Integrate, appreciate, and apply foundational knowledge and skills related to the delivery of appropriate and culturally competent healthcare

The program consists of a core set of requirements with additional requirements for each concentration.

## B.S. Health Science Core

Students pursuing a Bachelor of Science in Health Science must complete 8 of the 9 General Education Objectives (a minimum of 36 credits--see the General Education Requirements (<https://coursecat.isu.edu/undergraduate/academicinformation/generaleducation/>) in the Academic Information section of this catalog). Students must also satisfy the core requirements listed below and the requirements for one of the health science concentrations. All graduates of this program will earn a B.S. in Health Science, irrespective of which concentration is selected.

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</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	

**Communication Competencies 2-3**

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

**Diversity Competencies - Choose one of the following: 0-3**

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 (Fulfills Objective 7)
SPAN 2210	Spanish for Health Care I

**Students must have an overall 2.0 Grade Point Average (GPA) in BS Health Science Core courses with no grades below a C-.**

**Total Credits 20-24**