

HEALTH SCIENCE

B. S. in Health Science

Admission Information

The health sciences field is enjoying an explosion of career opportunities, with job growth of 27% predicted in the next decade for all health services professions (U.S. Bureau of Labor Statistics). In concert with this growth, the Department of Public Health Sciences offers a B.S. in Health Science.

Typically, health science graduates go on to work in the health care sector as pharmaceutical and hospital sales representatives, specialists in insurance companies, science technicians (or research assistants), and the like. The degree may also be used for those who wish to progress to supervisory or instructional positions requiring a baccalaureate degree (e.g., radiologic technologists, respiratory therapists).

Others opt to extend their employability even further by pursuing a graduate or professional education. Graduate-level education can lead to careers in health administration, medicine, physical therapy, physician assistant, or public health.

Salaries vary widely among occupations, but generally reflect the unprecedented demand for qualified health sciences professionals. Health science majors are introduced to the full array of health career opportunities, and can begin to focus their interests during the last two years of the four-year program.

A bachelor degree program in health science provides a foundation in liberal arts and sciences, along with a core health sciences curriculum.

The B.S. in Health Science Degree at Wichita State University will be useful to students:

1. Pursuing positions in the health care sector as pharmaceutical and hospital sales representatives, specialists in insurance companies, research assistants, etc.
2. Needing an undergraduate degree for entry into a graduate professional degree program offered in the College of Health Professions or other college/university requiring such a degree.
3. Desiring a general degree in the health field, and/or have a pre-professional health interest.

Admission to the College of Health Professions

When you choose to study Health Science, you will be admitted to the B.S in Health Science degree program. You will be assigned a College advisor who will assist you in meeting the requirements for the degree. Students who meet admission criteria and are admitted to the professional degree program can meet with Departmental faculty for career advice and other professional issues.

Program Objectives

The responsibility of the program is to provide a learning environment in which students:

- Develop a broad understanding of social and scientific principles necessary for a career in the health sciences.
- Obtain the clinical foundation required to work in entry-level health science positions and/or to advance into graduate health profession education.
- Explore the political, legal, social, multicultural, and ethical issues that impact the practice of healthcare.
- Expand interdisciplinary understanding and collaboration among the health professions.
- Apply scientific knowledge, humanistic values, critical analysis, and a systematic approach to solving problems.
- Develop skills that prepare them to interact as professionals within a diverse, interdisciplinary health care environment.
- Develop skills for continuing professional growth and lifelong learning.

Basic Skills (12 hours “C” [2.0 GPA] or better in each course)

Engl 101 English Composition I (3)
Engl 102 English Composition II (3)
Comm 111 Public Speaking (3)
Math 111 College Algebra (3)

Humanities & Fine Arts (12 hrs)

(Fine Arts) 3
(Intro. courses) 6

*(Further Study/Issues) 3

Social/Behavioral Sciences (9 hrs)

(Intro. courses) 6

*(Further Study/Issues) 3

Math & Natural Sciences (9 hrs)

(Intro. course) 6

*(Further Study/Issues) 3

*Selected from the Issues and Perspectives category.

Total (42 hrs.)

Program Mathematics & Natural Science Electives (select a minimum of 14 hours).

General Education courses from this area may also be used to meet GEP requirements above.

Biol 106 The Human Organism (3)
Biol 107 Human Organism Lab (1)
Biol 210 General Biology I (4)
Biol 211 General Biology II (4)
Biol 220 Introduction to Micro (4)
**Biol 223 Human Anat/Phys (5)
Biol 330 General Microbiology (5)
**Chem 103 Introductory Chem (5)
**Chem 211 General Chem I (5)
Chem 212 General Chemistry II (5)
Chem 531 Organic Chemistry I (5)
Geol 102 Earth Science/ Environ (4)
Geol 111 General Geology (4)
Geol 300 Energy Res/ Environ (3)
Phys 111 Intro to Physics (4)
Phys 131 Physics for Hlth Sci (3)
Phys 213 Gen College Physics I (5)
Phys 214 Gen College Physics II (5)
+Stat 370 Elementary Statistics (3)

**Human A&P plus one semester of college chemistry are prerequisite for HS 301 and HS 400 Pathophys.

Health Science Core and Issues Core (All 18 hrs required)

HP 303 Medical Terminology (3)
PHIL 327 Bioethics (3)
HMCD 310 U.S. Hlth Serv Sys (3)
HMCD 325 Intro to Epidem (3)
HMCD 344 Role of Cult in Hlth (3)
HMCD 354 Health Politics (3)

Issues (Select 9 hours)

HP 330 Cancer: Perspectives and Controversies (3)
AGE 404 Psychology of Aging (3)
AGE 513 Sociology of Aging (3)
AGE 518 Biology of Aging (3)
AGE 560 The Aging Network (3)
HMCD 326 Emerging Health Iss (3)
HMCD 327 Global Health Iss (3)
PA 328 Intro to Complementary and Alternative Medicine (3)

Management/Research (select 3)

HMCD 428 Health Care Org (3)
HMCD 478 Health Economics (3)
HMCD 642 Financing Hlth Care (3)
NSG 325 Intro to Evidence-Based Practice (2)

Clinical Sciences: (All 10 credit hours)

HS 301 Clinical Pharmacology (3)
HS 331 Principles Diet & Nutr (3)
HS 400 Intro to Pathophysiology (4)

Practicum: (required)
HMCD 460 Practicum (3)

Total (48-49 hrs. for the Health Science Major)

Elective Courses:
(Complete additional electives to meet the 124 credit hour requirement for a B.S. degree).

Elective coursework may be taken both inside and outside the College, taking into account the student's educational objectives. Students seeking the B.S. Health Science degree are encouraged to obtain a minor (or equivalent) in another area, which is typically 15-21 hours.

WSU Catalog - Requirements for Graduation:

To be eligible for graduation from Wichita State University, students must have credit for 124 acceptable semester hours toward their degree and a GPA in the major of 2.25 and

at least a “C” (2.0 GPA) in all required major courses. Students transferring from a two year college must complete at least 60 hours of four-year college work and 45 hours of upper division coursework in order to qualify for graduation.

For More Information:

To receive more information or to arrange a campus visit, contact:

Office of Admissions
Wichita State University
1845 Fairmount
Wichita KS 67260-0124
(316) 978-3085
Toll-free (800) 362-2594
www.wichita.edu/admissions

For Further Departmental information, please contact:

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