BS in Health Science

Admission to the College of Health Professions

Students choosing to study health science are admitted to the BS in health science degree program. They are assigned a college advisor who assists them in meeting the requirements for the degree.

The Bachelor of Science degree in health science is a 47- to 48-credit-hour professional degree program that prepares graduates for admission to a clinical education program. Students complete a curriculum that provides a foundation in health services delivery, population health assessment and leadership. Additional program content includes an introduction to public health, health services management, aging studies and ethics. This program requires a mix of science and mathematics courses that support admission requirements for a variety of clinical education programs. Students are required to complete an applied learning professional portfolio prior to graduation. The degree is designed for students interested in pursuing undergraduate or graduate clinical education. Baccalaureate trained graduates often seek further education in clinical programs (i.e. physician assistant, physical therapy, nursing, medical laboratory sciences, dental hygiene).

Program Learning Objectives

1. Communicate public health information, in both oral and written forms and through a variety of media, to diverse audiences.
2. Locate, use, evaluate and synthesize public health information.
3. Exhibit understanding of the evolution of public health and the health care system and their roles and issues across local, national and global health systems.
4. Demonstrate ability to use data to promote, protect and assure improved health outcomes and knowledge.
5. Demonstrate an understanding of health leadership, management and policy using systems thinking.
6. Demonstrate an understanding of social, behavioral, cultural and environmental factors that impact health.
7. Demonstrate understanding of professionalism and health ethics.
8. Demonstrate introductory knowledge of clinical sciences.

Program Requirements

Students in the health science program are required to maintain a cumulative grade point average of 2.000 with no individual program course generating a grade less than 1.700 credit points per credit hour.

Program Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 408</td>
<td>Leadership in Self and Society</td>
<td>3</td>
</tr>
<tr>
<td>PHS 325</td>
<td>Introduction to Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td>PHS 344</td>
<td>The Role of Culture in Health and Health Care</td>
<td>3</td>
</tr>
<tr>
<td>PHS 356</td>
<td>Introduction to Health Administration and Policy</td>
<td>3</td>
</tr>
<tr>
<td>PHS 410</td>
<td>Health Communication</td>
<td>3</td>
</tr>
<tr>
<td>AGE 100</td>
<td>Introduction to Aging Studies</td>
<td>3</td>
</tr>
<tr>
<td>HP 105</td>
<td>Introduction to Public Health</td>
<td>3</td>
</tr>
<tr>
<td>HP 201</td>
<td>Exploring the Health Professions</td>
<td>3</td>
</tr>
<tr>
<td>HP 203</td>
<td>Medical Terminology</td>
<td>2-3</td>
</tr>
<tr>
<td>or HP 303</td>
<td>Medical Terminology</td>
<td></td>
</tr>
</tbody>
</table>

Health Science Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 310</td>
<td>Introduction to the U.S. Health Services System</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 327</td>
<td>Bioethics</td>
<td>3</td>
</tr>
</tbody>
</table>

Program Mathematics and Natural Sciences Electives

Select a minimum of 15 credit hours from the following (general education courses from this area may also be used to meet general education program requirements). Courses must be passed with a C- or higher.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHS 330</td>
<td>Cancer: Perspectives and Controversies</td>
<td></td>
</tr>
<tr>
<td>HPS 490</td>
<td>Physiology of Exercise</td>
<td></td>
</tr>
<tr>
<td>HPS 762</td>
<td>Statistical Concepts in Human Performance Studies</td>
<td></td>
</tr>
<tr>
<td>MLS 311</td>
<td>Biochemistry for Clinical Scientists</td>
<td></td>
</tr>
<tr>
<td>PHYS 111</td>
<td>Introductory Physics</td>
<td></td>
</tr>
<tr>
<td>PHYS 131</td>
<td>Physics for Health Sciences</td>
<td></td>
</tr>
<tr>
<td>PHYS 213</td>
<td>General College Physics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 214</td>
<td>General College Physics II</td>
<td></td>
</tr>
<tr>
<td>PSY 301</td>
<td>Psychological Statistics</td>
<td></td>
</tr>
<tr>
<td>STAT 370</td>
<td>Elementary Statistics</td>
<td></td>
</tr>
</tbody>
</table>

Required Before Graduation

Professional Portfolio

Total Credit Hours 47-48

Total Credit Hours Required for Health Science Major

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Science Core Courses</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Health Science Introduction Courses</td>
<td></td>
<td>17-18</td>
</tr>
<tr>
<td>Math and Natural Science Electives</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Professional Portfolio</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 47-48

Requirements for Graduation

Students entering the health science program will be required to complete a professional portfolio component. Activities include:

- Research and service learning;
- Volunteer participation;
- Professional development; and
- Interprofessional education.

To be eligible for graduation from Wichita State University, students must have 120 acceptable credit hours toward their degree and a GPA in the major of 2.000. 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 to qualify for graduation. Departmental policy requires a program cumulative grade point average of 2.000, with no individual program course generating a grade less than 1.700 credit points per credit hour.

Departmental Honors Program

Scholarship and research are encouraged at the undergraduate level. Students who meet the qualifications should explore adding the honors program to their undergraduate major. Students who are not PHS majors and are involved in the Cohen Honors College, should contact the PHS department for permission to enroll in these courses, as appropriate.

Admission requirements include:
1. Status as a PHS major;
2. An overall GPA of 3.500 in all major coursework;
3. A one-page, double-spaced letter describing reasons for applying to
   the honors track, goals and potential benefits to participating in the
   program; and
4. Agreement by a PHS faculty member to mentor the final project.

**Honors Program Requirements**

Students admitted to the PHS honors track must complete the
following:

1. Maintain a 3.500 cumulative GPA in all major coursework;
2. Be a participating member of the Health, Education, Advocates
   for Leadership, Teamwork, and Humanity (HEALTH) student
   organization;
3. Maintain a portfolio of assignments, activities and reflections
   throughout the honors track;
4. Complete and present a mentored scholarly activity during the last
   year of the program by enrolling in a 1-3 credit hour of PHS 501H
   Field Research in Public Health Science; and
5. Enroll in and complete the honors assignments with a minimum
   of 12 credit hours of PHS coursework selected from the following
   options:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 408H</td>
<td>Leadership in Self and Society Honors</td>
<td>3</td>
</tr>
<tr>
<td>PHS 325H</td>
<td>Introduction to Epidemiology Honors</td>
<td>3</td>
</tr>
<tr>
<td>PHS 344H</td>
<td>The Role of Culture in Health and Health Care Honors</td>
<td>3</td>
</tr>
<tr>
<td>PHS 356H</td>
<td>Introduction to Health Administration and Policy Honors</td>
<td>3</td>
</tr>
<tr>
<td>PHS 410H</td>
<td>Health Communication Honors</td>
<td>3</td>
</tr>
</tbody>
</table>

**Applied Learning**

Students in the Bachelor of Science in health science program are
required to complete an applied learning or research experience
to graduate from this program. The requirement can be met by
successfully completing the applied learning professional portfolio.

For more information and up to date program information and a
program handbook, contact the undergraduate coordinator by email:
phs@wichita.edu, by phone at 316-978-3060, or visit the department of
public health sciences website (http://wichita.edu/phs/).\(^1\)

---

\(^1\) Link opens new window.