

# Certificate in Health Science

## Admission

In order to be admitted into the certificate program, the applicant must:

- Be admitted to Wichita State University in a degree program or in nondegree seeking status. All policies relative to admissions apply. International students will not be issued an I-20 for certificate programs alone. International students may obtain this certificate only while concurrently pursuing an undergraduate degree.
- Have a minimum overall GPA of 2.000 (on a 4.000 scale).

## Program Requirements

An undergraduate certificate in health science (UGC-HS) allows undergraduate students and working professionals to expand their knowledge in the fundamental concepts of clinical health science and the health care system. The UGC-HS prepares students in navigating the health care system and provides an introduction to the health sciences.

The UGC-HS comprises 12 total credit hours. Students who complete this certificate will have earned 12 of the required 47 to 48 program credit hours toward a Bachelor of Science in health science. This is equivalent to one full-time semester of coursework. The certificate may be completed entirely online through a specific selection of courses. The certificate may also be pursued concurrently with degree programs such as biology, chemistry, physics, exercise science, premed, social work and clinical disciplines in the College of Health Professions and WSU Tech.

An overall grade point average of at least 2.000 for all courses comprising the certificate program, and no grade below C, is required to earn the certificate.

Course	Title	Hours
<b>Required Courses</b>		
PHS 101	Introduction to Public Health	3
PHS 100	Introduction to Aging Studies	3
PHS 310	Introduction to U.S. Healthcare and Administration	3
<b>Electives</b>		
Select a total of 3 credit hours from the following		3
PHIL 327	Bioethics	
BIOL 106	The Human Organism	
BIOL 220	Introduction to Microbiology	
BIOL 223	Human Anatomy and Physiology	
BIOL 330	General Microbiology	
BIOL 419	Genetics	
BIOL 534	Human Physiology	
CHEM 103	Introductory General, Organic and Biochemistry	
CHEM 211	General Chemistry I	
CHEM 212	General Chemistry II	
CHEM 531	Organic Chemistry I	
HP 330	Cancer: Perspectives and Controversies	
HPS 490	Physiology of Exercise	
HPS 490	Physiology of Exercise	
HPS 762	Statistical Concepts in Human Performance Studies	

PHS 375BA	Badge: Care of Populations - Public Health Science
PHS 375BB	Badge: Care of Populations - Care Leadership and Systems Thinking
PHS 375BC	Badge: Care of Populations - Financial Planning and Management
PHS 375BD	Badge: Care of Populations - Community Dimensions of Practice
PHS 375BE	Badge: Care of Populations - Cultural Competency
PHS 375BF	Badge: Care of Populations - Policy Development and Program Planning
HS 290	Foundational Human Anatomy and Physiology
HS 301	Clinical Pharmacology
HS 600	Advanced Clinical Anatomy
MLS 311	Biochemistry for Clinical Scientists
PHS 331	Principles of Diet and Nutrition
PHYS 111	Introductory Physics
PHYS 131	Physics for Health Sciences
PHYS 213	General College Physics I
PHYS 214	General College Physics II
<b>Total Credit Hours</b>	<b>12</b>

*Assessment Measure: Students must complete a reflection describing how the certificate prepared them in navigating the health care system and expanded their knowledge of health sciences.*