

BACHELOR OF SCIENCE IN HEALTH SCIENCE

Description and Outcomes

The Bachelor of Science in Health Science program focuses on building content knowledge and skills in the broad areas of health science and health care. Coursework highlights foundational knowledge and skills as well as overall concepts, values, research methods, and applications that could prepare you to pursue a career in health care or health science. Courses teach you to apply principles of healthy living to the education of individuals and communities, and focus on foundational knowledge and skills upon which to build additional competencies. The program also encourages the development of administrative, ethical, and professional skills that are relevant to leadership positions in the increasingly diverse health care field.

The Bachelor of Science in Health Science program is designed to prepare you to pursue a variety of career opportunities in health care and health science-related industries. Additionally, it provides you with a solid undergraduate foundation to pursue further graduate study and/or professional degrees.

Accelerated Master's Degree Options

If you are interested in earning both a bachelor's and master's degree in the health sciences, consider an accelerated master's degree option. Refer to the general Progression Requirements (<https://catalog.purdueglobal.edu/undergraduate/health-sciences/>) section for details.

Program Length

The Bachelor of Science in Health Science program consists of a minimum of 180 quarter credit hours. Upon successful completion of the program, you will be awarded a bachelor of science degree.

Program Outcomes

Discipline-Specific Outcomes

1. Knowledge Base: Demonstrate sound foundational knowledge and an understanding of the principles of biology, chemistry, human anatomy, physiology, and disease processes as they relate to health outcomes.
2. Research Methods and Critical Thinking Skills: Demonstrate competency in medical research and inquiry using scientific methods and laboratory skills for critical thinking and problem solving in health care settings.
3. Interdisciplinary Integration: Apply principles of healthy living at the individual and community level to protect and promote optimal physical and mental health.
4. Public Health and Education: Integrate basic knowledge of the core disciplines within public health and deliver educational programs that promote public health.
5. Health Care Administration: Demonstrate an understanding of the forces impacting health delivery systems and the effective management of health care administration.
6. Ethics and Professionalism: Employ the professional, ethical, and legal standards of health care practice and interdisciplinary collaboration through leadership and community stewardship.

General Education Literacies and Professional Competencies

In addition to the discipline-specific outcomes, general education literacies and professional competencies are integrated throughout your academic program. You can review the general education literacies and professional competencies associated with your academic program in the General Education and Professional Competency Requirements (<https://catalog.purdueglobal.edu/undergraduate/general-education-professional-competency-requirements/>) section of this Catalog.

Program Availability

For program availability, please refer to the U.S. State and Other Approvals (<https://catalog.purdueglobal.edu/policy-information/university-information/accreditation-approvals-memberships/>) section and Program Availability Information (<https://www.purdueglobal.edu/catalog-program-availability-info.pdf>).

Policies

Please refer to school-specific policies (<https://catalog.purdueglobal.edu/undergraduate/health-sciences/>) and the Policy Information (<https://catalog.purdueglobal.edu/policy-information/>) section for general Purdue Global policies.


Certification, State Board, and National Board Exams

Certain state certification and licensure boards have specific educational requirements for programs to lead to a license or nongovernmental certification that is a precondition for employment in a recognized occupation.






Unless otherwise specified, Purdue Global's programs are not designed to meet any specific state's licensure or certification requirements. If certain licensed occupations, vocations, or professions are not explicitly listed, Purdue Global has not reviewed the licensure or certification requirements of those occupations, vocations, or professions, nor intended the program to meet such requirements. Licensure-track programs may limit enrollment to students in certain states; please see Purdue Global's Program Availability Information (<https://www.purdueglobal.edu/catalog-program-availability-info.pdf>) to determine enrollment eligibility.

You are responsible for understanding the requirements of optional certification exams. Such requirements may change during the course of your program. You are not automatically certified in any way upon program completion. Although certain programs are designed to prepare you to take various optional certification exams, Purdue Global cannot guarantee you will be eligible to take these exams or become certified. Your eligibility may depend on your work experience, completion of education and/or degree requirements, not having a criminal record, meeting other certification requirements, or the program or the University itself having appropriate accreditation or licensure.

Degree Plan

The  icon appears in the title of traditional courses that are also available as a set of module courses. Module course availability may be limited to certain academic calendars. See Course Types (<https://catalog.purdueglobal.edu/policy-information/university-information/approach-to-learning/>) for information about module courses.

Program Requirements

Code	Title	Credits
Core Requirements		
CM107	 College Composition I	5
CM220	 College Composition II	5
CS212	 Communicating Professionalism	5
100/200 Level	Mathematics Requirement ¹	5
100/200 Level	Arts and Humanities Requirement ¹	5
100/200 Level	Science Requirement ¹	5
100/200 Level	Social Science Requirement ¹	5
100/200 Level	General Education Electives	10
Total Core Requirements		45
Major Requirements		
HS305	 Research Methods for Health Sciences	6
HS311	Epidemiology and Biostatistics I	6
HS312	Epidemiology and Biostatistics II	6
HS315	 Practices in Public Health	6
HS320	Microbiology	6
HS415	Environmental Health	6
HS420	Advanced Health Informatics	6
100/200/300/400 Level	Major Electives	12
HS499	Bachelor's Capstone in Health Science	6
Total Major Requirements		60
Open Elective Requirements		
Open Electives ²		75
Total Open Elective Requirements		75
TOTAL CREDITS		180

¹ For options to fulfill this requirement, see the corresponding literacy in General Education and Professional Competency Requirements (<https://catalog.purdueglobal.edu/undergraduate/general-education-professional-competency-requirements/>).

² Eligible students who choose to complete the accelerated master's degree option will take up to five graduate-level courses in addition to selected undergraduate electives.