

Programs

General Health Sciences, B.S.

(53-55 credits)

The Bachelor of Science in General Health Sciences, under the Department of Biology, Chemistry and Mathematics, is designed to help students pursue careers and/or advanced study in a variety of health fields. The healthcare industry is predicted to be one of the fast-growing industries in the coming years. Graduates will be prepared for entry to careers or graduate level programs in fields including physician assistant, nursing, nutrition, physical therapy, clinical laboratory science and more as well as assume roles as health/wellness professionals in private business and industry, community organizations, and healthcare settings. General Health Sciences majors complete at least one internship in their area of focus and are encouraged to pursue a minor in areas like Spanish and healthcare management.

The program includes instruction in basic biology and chemistry public and global health, nutrition, anatomy and physiology, microbiology and genetics.

The General Health Sciences major will enable students to:

- Obtain an education based in the sciences, also including knowledge in public and global healthcare, and grounded in the humanities.
- Understand and apply their leadership and healthcare knowledge through academic inquiry while using current, practical health care models.
- Remember and evaluate their understanding of diverse populations in healthcare and to prepare the student to take a leadership role in the rapidly changing healthcare environment.
- Allow students to evaluate the political, social, legal and ethical issues that may be encountered and have an impact on areas of health care practice.
- Develop knowledge that helps bridge between clinical care, health care diversity and critical inquiry.

MAJOR REQUIREMENTS

REQUIRED CORE (50 credits)

BI 111	General Biology I
BI 111L	General Biology I Laboratory
BI 112	General Biology II
BI 112L	General Biology II Laboratory
BI 215	Microbiology

BI 215L	Microbiology Laboratory
BI 310	Genetics
BI 310L	Genetics Laboratory
BI 316	Human Anatomy & Physiology I
BI 316L	Human Anatomy & Physiology I Laboratory
BI 317	Human Anatomy & Physiology II
BI 317L	Human Anatomy & Physiology II Laboratory
CH 121	General Chemistry I
CH 121L	General Chemistry I Laboratory
CH 122	General Chemistry II
CH 122L	General Chemistry Laboratory II
CH 207W	Chemistry of Nutrition
MG 311	Introduction to Public Health
PY 111	Introduction to Psychology
MA 117	Biostatistics: Math for Healthcare
SC 114	Nutrition for Health and Fitness: The Science of Wellness
SC 302	Practicum/Internship

Select one (3 credits):

MG 308	Ethical Issues in Healthcare
MG 312	Global Health

REQUIRED CORRELATIVES (credits vary)

Select one (3-4 credits):

MA 120	Pre-Calculus
MA 121	Calculus I

RECOMMENDED CORRELATIVES (9 credits)

CH 221W	Organic Chemistry I
CH 222	Organic Chemistry II
CH 324	Biochemistry