

Health Science, BS (New York)

The health science major offers students a solid academic and experiential foundation that positions them well to pursue graduate and professional school training in the following programs:

- Medicine
- Dentistry
- Veterinary medicine
- Public health
- Physician assistant studies
- Nurse practitioner
- Pharmacy
- Physical therapy
- Social work
- Speech-language pathology

The Northeastern PreMed and PreHealth Advising Program (<https://undergraduate.northeastern.edu/prehealth/academics-2/coursework/>) provides individualized advising resources to Northeastern University undergraduate students and alumni considering careers in the areas of allopathic medicine, osteopathic medicine, dentistry, optometry, physician assistant, podiatric medicine, or veterinary medicine. Please visit the BS Health Science webpage (<https://bouve.northeastern.edu/health-sciences/programs/bs/>) to learn more about premed and prehealth pathways.

The health science major is also designed for students who are seeking a strong foundation for a career in health administration and in community-based health promotion and public health.

Please visit Bouvé College Learning Outcomes (<https://bouve.northeastern.edu/learning-outcomes/>) for the specific student learning outcomes for this program.

This program is currently only available to former Marymount Manhattan College students who are eligible for continued enrollment at Northeastern University. This program includes required courses that will be taught on ground at the Northeastern New York City campus.

Program Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified and complete any additional courses needed beyond specific college and major requirements to satisfy graduation credit requirements.

Universitywide Requirements

All undergraduate students are required to complete the Universitywide Requirements (<https://catalog.northeastern.edu/undergraduate/university-academics/university-wide-requirements/>).

NUpath Requirements

All undergraduate students are required to complete the NUpath Requirements (<https://catalog.northeastern.edu/undergraduate/university-academics/general-education-requirements/#nupathtext>).

New York State Liberal Arts and Sciences Requirements

All undergraduate students enrolled in programs at the New York campus are required to fulfill New York State Liberal Arts and Sciences requirements (<https://catalog.northeastern.edu/undergraduate/university-academics/general-education-requirements/#nyliberalartsandsciencetext>).

Public Health Core

Code	Title	Hours
PHTH 1260 or PHTH 1261	The U.S. Healthcare System Comparative Healthcare Systems	4
PHTH 2300 or PHTH 2301	Communication Skills for the Health Professions Communication Skills for the Health Professions—Global	4
PHTH 2350 or PHTH 2351	Community and Public Health Community and Public Health - Global	4
PHTH 2515	Healthcare Policy and Administration	4

PHTH 4120	Global Perspectives on Discrimination and Health	4
PHTH 4202	Principles of Epidemiology in Medicine and Public Health	4
PHTH 4540	Health Education and Program Planning	4
Complete one of the following:		3-5
ENVR 2500 and ENVR 2501	Biostatistics and Lab for ENVR 2500	
HLTH 5410	Introduction to Statistics in Health and Behavioral Science	
PHTH 2210	Foundations of Biostatistics	

Science Requirements

Code	Title	Hours
BIOL 1111 and BIOL 1112	General Biology 1 and Lab for BIOL 1111	5
BIOL 1113 and BIOL 1114	General Biology 2 and Lab for BIOL 1113	5
CHEM 1161 and CHEM 1162 and CHEM 1163	General Chemistry for Science Majors and Lab for CHEM 1161 and Recitation for CHEM 1161	5
MATH 1241	Calculus 1	4
PSYC 1101	Foundations of Psychology	4

Capstone Requirement

Code	Title	Hours
HSCI 4740	Health Science Capstone Seminar	4

Other Major Requirements

Code	Title	Hours
ENGW 1111	First-Year Writing	4
ENGW 3306	Advanced Writing in the Health Professions	4
HSCI 1000	College: An Introduction	1
PHIL 1165 or HLTH 2100	Moral and Social Problems in Healthcare Interprofessional Ethics for Individual and Population Health	4

Health Science Major Credit Requirement

Complete 62 semester hours in the major.

Health Science Major Requirement

A grade of C or higher is required for the public health core, science requirements, and capstone. Students who take College: An Introduction (HSCI 1000) and Professional Development for Co-op (EXED 2000) must achieve a C or higher.

General Electives

Code	Title	Hours
Complete any remaining semester hours after major courses to reach the minimum semester-hour program requirement.		

Optional Co-op

Code	Title	Hours
Successful completion of EXED 2000 is required for participation in co-op. (https://catalog.northeastern.edu/undergraduate/academic-policies-procedures/cooperative-education/)		
EXED 2000	Professional Development for Co-op	1
COOP 3945	Co-op Work Experience	0
or COOP 3946	Co-op Work Experience—Half Time	
or COOP 3947	Co-op Work Experience Abroad—Half Time	
or COOP 3948	Co-op Work Experience Abroad	

Academic Policies and Procedures

Please visit Bouvé College of Health Sciences undergraduate page (<https://catalog.northeastern.edu/undergraduate/health-sciences/>) for academic policies and procedures, including Academic Appeals (<https://catalog.northeastern.edu/undergraduate/academic-policies-procedures/academic-appeals-policies-procedures/>).

Program Requirement

128 total semester hours required