

Health Science, BS (Boston)

The Bachelor of Science in Health Science seeks to help develop competent professionals who combine a solid understanding of the science underlying healthcare with the principles of healthcare management. Courses in biology, microbiology, chemistry, pharmacology, and pathophysiology provide an understanding of the science of the human body. These courses may be combined with courses in the management of healthcare organizations; health law; public health; or, for students interested in a medical career, additional science courses.

The program seeks to provide preparation for a career in healthcare management in a community, hospital, or private-sector setting or for graduate school for advanced training in areas such as medicine, nursing, and public health.

Program Requirements

Complete all courses listed below unless otherwise indicated.

Universitywide Requirement

Minimum 120 total semester hours required

Minimum 2.000 GPA required

Students must earn a minimum of 60 Northeastern University semester hours in order to receive a bachelor's degree.

Note: Individual program requirements may exceed the above minima.

CPS Undergraduate Core Requirements

All College of Professional Studies undergraduate students are required to complete the CPS Undergraduate Core Requirements (<https://catalog.northeastern.edu/professional-studies/university-academics/general-education-requirements/>).

Foundation Courses

30 semester hours required

Code	Title	Hours
English		
ENG 1105 and ENG 1106	College Writing 1 and Lab for ENG 1105	4
ENG 1107 and ENG 1108	College Writing 2 and Lab for ENG 1107	4
ENG 3105 and ENG 3106	Writing for the Professions: Science and Engineering and Lab for ENG 3105	4
Mathematics		
MTH 1100	College Algebra	3
MTH 2310	Statistics for the Behavioral and Social Sciences	3
Information Technology		
ITC 1000 or ITC 2016	Computer Applications End-User Data Analysis Tools	3
Psychology		
PSY 1100	Foundations of Psychology	3
Communication		
CMN 1100	Organizational Communication	3
Philosophy		
PHL 2130 or PHL 2140	Ethical Issues in Healthcare Ethical Issues in Science and Engineering	3

Major Required Courses

36 semester hours required

Code	Title	Hours
Health Management		
HMG 1100	Foundations of Healthcare Management	3
HMG 2110	Health Law and Regulation	3
Biology		

BIO 1100 and BIO 1101	Principles of Biology 1 and Lab for BIO 1100	4
BIO 1200 and BIO 1201	Principles of Biology 2 and Lab for BIO 1200	4
BIO 1600 and BIO 1601	Human Anatomy and Physiology 1 and Lab for BIO 1600	4
BIO 1700 and BIO 1701	Human Anatomy and Physiology 2 and Lab for BIO 1700	4
Chemistry		
CHM 1100 and CHM 1101	General Chemistry 1 and Lab for CHM 1100	4
CHM 1200 and CHM 1201	General Chemistry 2 and Lab for CHM 1200	4
Health Science		
HSC 3300	Epidemiology	3
Capstone		
HSC 4850	Project in Health Science	3

Professional Electives

15 semester hours required

Code	Title	Hours
Complete 15 semester hours from the following subject areas:		15
BIO, CHM, HMG, HSC, MTH, PHY, PSY		

Electives

Complete a minimum of 39 semester hours to reach 120 semester hours.

Plan of Study

Term 1	Hours
ENG 1105 and ENG 1106	4
MTH 1100	3
BIO 1100 and BIO 1101	4
HMG 1100	3
PSY 1100	3
	17
Term 2	Hours
ENG 1107 and ENG 1108	4
MTH 2310	3
BIO 1200 and BIO 1201	4
Open elective	3
	14
Term 3	Hours
ITC 1000 or 2016	3
CHM 1100 and CHM 1101	4
BIO 1600 and BIO 1601	4
Open elective	3
	14
Term 4	Hours
CHM 1200 and CHM 1201	4

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BIO 1700 and BIO 1701		4
Open elective		3
Open elective		3
		14
Term 5	Hours	
ENG 3105 and ENG 3106		4
CMN 1100		3
HSC 3300		3
Open elective		3
Open elective		3
		16
Term 6	Hours	
PHL 2130 or 2140		3
HMG 2110		3
Professional elective		3
Professional elective		3
Open elective		3
		15
Term 7	Hours	
Professional elective		3
Open elective		3
Open elective		3
Open elective		3
Open elective		3
		15
Term 8	Hours	
HSC 4850		3
Professional elective		3
Professional elective		3
Open elective		3
Open elective		3
		15
Total Hours: 120		