

# Health Science, BS

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

- Concentrations and course offerings may vary by campus and/or by program modality. Please consult with your advisor or admissions coach for the course availability each term at your campus or within your program modality.
- Certain options within the program may be *required* at certain campuses or for certain program modalities. Please consult with your advisor or admissions coach for requirements at your campus or for your program modality.

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.

### NUpath Requirements

All undergraduate students are required to complete the NUpath requirements (<https://catalog.northeastern.edu/professional-studies/university-academics/nupath/>).

### Foundation Courses

30 semester hours required

Code	Title	Hours
<b>English</b>		
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
<b>Mathematics</b>		
MTH 1100	College Algebra	3
MTH 2310	Statistics for the Behavioral and Social Sciences	3
<b>Information Technology</b>		
ITC 1000 or ITC 2016	Computer Applications End-User Data Analysis Tools	3
<b>Psychology</b>		
PSY 1100	Foundations of Psychology	3
<b>Communication</b>		
CMN 1100	Organizational Communication	3
<b>Philosophy</b>		
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
<b>Health Management</b>		
HMG 1100	Foundations of Healthcare Management	3
HMG 2110	Health Law and Regulation	3
<b>Biology</b>		
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
<b>Chemistry</b>		
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
<b>Health Science</b>		
HSC 3300	Epidemiology	3
<b>Capstone</b>		
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
	<b>17</b>
Term 2	Hours
ENG 1107 and ENG 1108	4
MTH 2310	3
BIO 1200 and BIO 1201	4
Open elective	3
	<b>14</b>
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
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**