

Health Science and Psychology, BS (Boston)

The combined Bachelor of Science degree program in health science and psychology is designed to provide an interdisciplinary approach to public health and psychology. Through interdisciplinary explorations, students have an opportunity to develop knowledge in health promotion and illness prevention by way of understanding people's behaviors, perceptions, and emotions within the contexts of relationships and culture. This highly flexible curriculum is enhanced by experiential learning opportunities and is designed to prepare students to practice in interdisciplinary settings and be successful in sustaining and promoting health across populations.

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/nupath/>).

Health Science Requirements

Code	Title	Hours
Public Health Core		
PHTH 1260 or PHTH 1261	The American 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 4540	Health Education and Program Planning	4
Science Requirement		
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

Psychology Requirements

Code	Title	Hours
Required Courses		
PSYC 1101	Foundations of Psychology	4
PSYC 3458	Biological Psychology	4
Statistics		
Complete the following course. Students who receive transfer credit for the Advanced Placement Statistics exam may complete the 1 semester hour PSYC 2315 course (requires department permission).		4-5
PSYC 2320	Statistics in Psychological Research	
Personal/Social Bases of Behavior (Area A)		
Complete two of the following:		8
PSYC 3400	Personality	
PSYC 3402	Social Psychology	
PSYC 3404	Developmental Psychology	

PSYC 3406	Clinical Psychology and Mental Health	
Biological/Cognitive Bases of Behavior (Area B)		
Complete one of the following:		4
PSYC 3450	Learning and Motivation	
PSYC 3452	Sensation and Perception	
PSYC 3464	Psychology of Language	
PSYC 3466	Cognition	
Psychology Electives		
Complete 12 semester hours from the following subject area:		12
PSYC		
Psychology Lab		
Complete one of the following:		4
PSYC 4600	Laboratory in Research Design	
PSYC 4604	Laboratory in Learning and Motivation	
PSYC 4606	Laboratory in Biological Psychology	
PSYC 4610	Laboratory in Psycholinguistics	
PSYC 4612	Laboratory in Cognition	
PSYC 4614	Laboratory in Social Psychology	
PSYC 4616	Laboratory in Personality	
PSYC 4622	Laboratory in Sensation and Perception	
PSYC 4624	Laboratory in Affective Science	
PSYC 4626	Laboratory in Life-Span Emotional Development	
PSYC 4628	Laboratory in Developmental Psychology	
Psychology Seminar		
Complete one of the following:		4
PSYC 4656	Seminar in Biological Psychology	
PSYC 4658	Seminar in Psycholinguistics	
PSYC 4660	Seminar in Cognition	
PSYC 4662	Seminar in Personality	
PSYC 4664	Seminar in Social Psychology	
PSYC 4666	Seminar in Clinical Psychology	
PSYC 4668	Seminar in Sensation and Perception	
PSYC 4674	Seminar in Cognitive Neuroscience	
PSYC 4676	Seminar in Developmental Psychology	
Supporting Courses		
Code	Title	Hours
Introduction to College		
Complete one of the following		1
HSCI 1000	College: An Introduction	
INSC 1000	Science at Northeastern	
PSYC 1000	Psychology at Northeastern	
Experiential Learning Introduction		
HSCI 2000	Professional Development for Bouvé Co-op	1
or EESC 2000	Professional Development for Co-op	
First-Year Writing		
ENGW 1111	First-Year Writing	4
or ENGW 1102	First-Year Writing for Multilingual Writers	
Advanced Writing in the Discipline		
ENGW 3306	Advanced Writing in the Health Professions	4
or ENGW 3307	Advanced Writing in the Sciences	
or ENGW 3315	Interdisciplinary Advanced Writing in the Disciplines	

Ethical Reasoning

PHIL 1165	Moral and Social Problems in Healthcare	4
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Integrative Requirement

Code	Title	Hours
PSYC 3510	Brain, Behavior, and Immunity	4
or PSYC 4514	Clinical Neuroscience	
or CAEP 2012	Health Psychology: An Introduction	

General Electives

Code	Title	Hours
Complete remaining program required semester hours with general electives courses.		

NUPath Requirements

The following NUPath Requirements are met by the major:

- Analyzing and Using Data (AD)
- Conducting Formal and Quantitative Reasoning (FQ)
- Demonstrating Thought and Action in a Capstone (CE)
- Employing Ethical Reasoning (ER)
- Engaging Differences and Diversity (DD)
- Engaging with the Natural and Designed World (ND)
- Exploring Creative Expression and Innovation (EI)
- Interpreting Culture (IC)
- Understanding Societies and Institutions (SI)

Other NUPath requirements may be fulfilled by electives in the program.

Co-op

Students have the option to complete co-op experiences during their course of study. Students must consult with their advisor regarding the prerequisite course for co-op.

Health Sciences Major Requirement

A grade of C or higher is required for the Public Health Core and Science Requirement. Students who take College: An Introduction (HSCI 1000) and Professional Development for Bouvé Co-op (HSCI 2000) must achieve a C or higher.

Science GPA Requirement (Psychology)

A minimum 2.000 GPA in the following course code is required: PSYC.

Program Requirement

132 total semester hours required

Plan of Study**Sample Plans of Study****FOUR YEARS, ONE CO-OP IN SPRING/SUMMER FIRST HALF**

Year 1							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
BIOL 1111		4 BIOL 1113		4 Vacation		Vacation	
BIOL 1112	1	BIOL 1114		1			
HSCI 1000 or PSYC 1000	1	CHEM 1161 and CHEM 1162 and CHEM 1163		5			
MATH 1241	4	ENGW 1111		4			
PHTH 1260 or 1261	4	General Elective		4			
PSYC 1101	4						
	18		18		0		0

Year 2

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
PSYC 2320		4 Area A course		4 Area B course		4 Vacation	
PSYC 3458		4 PHTH core		4 PSYC elective		4	
Area A course		4 PHTH core		4			
PHTH core		4 PSYC elective		4			
	16		16		8		0

Year 3

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
HSCI 2000 or EESC 2000 (*)		1 Co-op		0 Co-op		0 General Elective	4
PHIL 1165		4				PHTH core	4
PSYC lab		4					
General elective		4					
ENGW 3306		4					
	17		0		0		8

Year 4

Fall	Hours	Spring	Hours
PHTH core		4 PSYC 3510, 4514, or CAEP 2012	4
PSYC elective		4 PSYC seminar	4
General electives		8 General Electives	8
	16		16

Total Hours: 133**FOUR YEARS, TWO CO-OPS IN SPRING/SUMMER FIRST HALF (COLLEGE: BOUVÉ)****Year 1**

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
BIOL 1111		4 BIOL 1113		4 PSYC Area B selective		4 General Electives	8
BIOL 1112		1 BIOL 1114		1 PHTH core		4	
MATH 1241		4 CHEM 1161 and CHEM 1162 and CHEM 1163		5			
PHTH 1260 or 1261		4 ENGW 1111		4			
PSYC 1000 or HSCI 1000		1 PSYC Area A selective		4			
PSYC 1101		4					
	18		18		8		8

Year 2

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
HSCI 2000 or EESC 2000 (*)		1 Co-op		0 Co-op		0 ENGW 3306	4
PSYC 2320		4				PHIL 1165	4
PSYC 3458		4					
PHTH core		4					
PHTH core		4					
	17		0		0		8

Year 3

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
PSYC Area A selective		4 Co-op		0 Co-op		0 General Electives	8
PHTH core		4					
PSYC elective		4					
General elective		4					
	16		0		0		8

Year 4			
Fall	Hours	Spring	Hours
PSYC lab		4 PSYC 3510, 4514, or CAEP 2012	4
PHTH core		4 PSYC seminar	4
PSYCH elective		4 PSYC elective	4
General Elective		4 General Elective	4
	16		16

Total Hours: 133

FOUR YEARS, TWO CO-OPS IN SUMMER SECOND HALF/FALL (COLLEGE: SCIENCE)

Year 1							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
BIOL 1111		4 BIOL 1113		4 PSYC Area B selective		4 General electives	8
BIOL 1112		1 BIOL 1114		1 PHTH core		4	
MATH 1241		4 CHEM 1161 and CHEM 1162 and CHEM 1163		5			
PHTH 1260 or 1261		4 ENGW 1111		4			
PSYC 1000 or HSCI 1000		1 PSYC Area A selective		4			
PSYC 1101		4					
	18		18		8		8

Year 2							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
PHIL 1165		4 EESC 2000 or HSCI 2000 (*)		1 PSYC elective		4 Co-op	0
PSYC 2320		4 PSYC Area A selective		4 General Elective		4	
PSYC 3458		4 PHTH core		4			
PHTH core		4 PHTH core		4			
		PSYC elective		4			
	16		17		8		0

Year 3							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
Co-op		0 ENGW 3306		4 General Electives		8 Co-op	0
		PSYC 3510, 4514, or CAEP 2012		4			
		PHTH core		4			
		PSYC lab		4			
	0		16		8		0

Year 4			
Fall	Hours	Spring	Hours
Co-op		0 PSYC seminar	4
		PSYC elective	4
		General Electives	8
	0		16

Total Hours: 133

* Students that choose to complete at least one co-op experience must complete either Professional Development for Bouvé Co-op (HSCI 2000) or Professional Development for Co-op (EESH 2000) (based on home college) prior to co-op.