

# Psychology, BS

The Bachelor of Science degree program in psychology is designed to provide a research-based undergraduate education for students with a broad range of interests in basic and applied psychology. Psychology majors engage in academic course work and other experiences that span the breadth of psychology, as well as in-depth explorations that meet their own specific interests. Students have an opportunity to take fundamental and advanced courses spanning biological psychology, cognition, social psychology, personality psychology, sensation and perception, clinical psychology, applied psychology, learning and motivation, developmental psychology, and other subfields of psychology. By its very nature, psychology is a wide-ranging, cross-cutting field of study, and we encourage and offer interdisciplinary explorations via a highly flexible interdisciplinary cluster of courses that counts toward the BS curriculum, strong ties to other departments and programs, and experiential education to enhance the learning process, including conducting research in faculty laboratories and participation in Northeastern's co-op program.

## Academic Progression Standards

Please see the university's progression standards (<http://catalog.northeastern.edu/undergraduate/academic-policies-procedures/progression-standards/#status>).

## 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 (<http://catalog.northeastern.edu/undergraduate/university-academics/university-wide-requirements/>).

## NUpath Requirements

All undergraduate students are required to complete the NUpath Requirements (<http://catalog.northeastern.edu/undergraduate/university-academics/nupath/>).

## Psychology Major Requirements

Code	Title	Hours
<b>Introductory Course</b>		
PSYC 1101	Foundations of Psychology	4
<b>Personal/Social Bases of Behavior (Area A)</b>		
Complete two of the following:		8
PSYC 3400	Personality	
PSYC 3402	Social Psychology	
PSYC 3404	Developmental Psychology	
PSYC 3406	Clinical Psychology and Mental Health	
<b>Biological/Cognitive Bases of Behavior (Area B)</b>		
Complete two of the following:		8
PSYC 3450 or PSYC 3451	Learning and Motivation Learning Principles and Behavior Analysis	
PSYC 3452	Sensation and Perception	
PSYC 3458	Biological Psychology	
PSYC 3464	Psychology of Language	
PSYC 3466	Cognition	
<b>Statistics</b>		
Complete the following course. Students who receive transfer credit for the Advanced Placement Statistics exam may complete the 1 SH PSYC 2315 course (requires department permission).		4-5
PSYC 2320	Statistics in Psychological Research	
<b>Psychology Seminar</b>		
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
PSYC 4678	Seminar in Social and Affective Neuroscience

**Lab Requirement**

Complete two psychology lab courses OR one psychology lab course and one psychology directed study research or honors thesis: 8

*Lab*

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

*Directed Study Research or Honors Thesis*

PSYC 4991 or PSYC 4971	Directed Study Research Junior/Senior Honors Project 2
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**Psychology Required Electives**

Code	Title	Hours
Complete five PSYC courses.		20

**Supporting Courses****INTERDISCIPLINARY CLUSTER**

Code	Title	Hours
Complete three of the following courses. Choose from one group only. Students may petition to create their own interdisciplinary cluster.		11-15

**Educational Psychology**

EDUC 1111	Education in the Community
EDUC 5503	Culture, Equity, Power, and Influence
EDUC 5504	Child and Adolescent Development, Learning, and Teaching
EDUC 5570	Inclusion, Equity, and Diversity

**Society and Psychology**

ANTH 1101	Peoples and Cultures
ANTH 2302	Gender and Sexuality: A Cross-Cultural Perspective
ANTH 2315	Religion and Modernity
LING 3412	Language and Culture
SOCL 1255	Sociology of the Family
SOCL 1260	Sociology of Gender
SOCL 1295	Drugs and Society

**Forensic Psychology**

CRIM 1120	Criminology
CRIM 3110	Gender, Crime, and Justice
CRIM 3120	Race, Crime, and Justice

**Cross-Cultural Psychology**

ANTH 1101	Peoples and Cultures
LING 3412	Language and Culture
LING 3442	Sociolinguistics

**Expressive Therapy**

ARTF 1121	Conceptual Drawing
MUSC 1118	Music Therapy 1
THTR 1130	Introduction to Acting
<b>Counseling and Applied Psychology</b>	
CAEP 3480	Counseling Theories and Practice
CAEP 3485	Mental Health and Counseling
HUSV 2300	Counseling in Human Services
HUSV 3520	Child Intervention and Treatment
<b>Artificial Intelligence and Information Science</b>	
CS 3800	Theory of Computation
CS 4100	Artificial Intelligence
CS 4120	Natural Language Processing
IS 2000	Principles of Information Science
IS 4300	Human Computer Interaction
<b>Language</b>	
DEAF 2700	ASL Linguistics
LING 2350	Linguistic Analysis
LING 3412	Language and Culture
LING 3422	Phonology
LING 3442	Sociolinguistics
LING 3450	Syntax
LING 3452	Semantics
LING 3456	Language and Gender
SLPA 1205	Speech and Hearing Science
<b>Human Factors</b>	
IS 2000	Principles of Information Science
IS 3500	Information System Design and Development
IS 4200	Information Retrieval
IS 4300	Human Computer Interaction
IS 4800	Empirical Research Methods
<b>Child and Adolescent Abnormal Psychology</b>	
CRIM 2320	Youth Crime and Justice
HUSV 3520	Child Intervention and Treatment
SOCL 1295	Drugs and Society
<b>Human Resource Management and Business</b>	
INTB 3310	Cultural Aspects of International Business
MISM 2301	Introduction to Information Systems and Digital Technologies
MKTG 2209	Introduction to Marketing
ORGB 3201	Organizational Behavior
PHIL 1170	Business, Ethics, and Human Rights
SOCL 1280	The Twenty-First-Century Workplace
<b>Philosophy of Science and Psychology</b>	
PHIL 1105	Science and Pseudoscience
PHIL 1115	Introduction to Logic
PHIL 4510	Philosophy of Science
PHIL 4535	Philosophy of Mind
<b>Ethics</b>	
PHIL 1130	Comparative Ethics
PHIL 1165	Moral and Social Problems in Healthcare
PHIL 1170	Business, Ethics, and Human Rights
PHIL 1180	Environmental Ethics
PHIL 3435	Moral Philosophy
<b>Biological and Chemical Sciences</b>	

BIOL 1111 and BIOL 1112	General Biology 1 and Lab for BIOL 1111
BIOL 1113 and BIOL 1114	General Biology 2 and Lab for BIOL 1113
BIOL 1141	Microbes and Society
BIOL 1147	The Human Organism
BIOL 1149	Biology of Human Reproduction
BIOL 2217 and BIOL 2218	Integrated Anatomy and Physiology 1 and Lab for BIOL 2217
BIOL 2219 and BIOL 2220	Integrated Anatomy and Physiology 2 and Lab for BIOL 2219
BIOL 3405	Neurobiology
BIOL 5585	Evolution
CHEM 1101 and CHEM 1102	General Chemistry for Health Sciences and Lab for CHEM 1101
CHEM 1161 and CHEM 1162	General Chemistry for Science Majors and Lab for CHEM 1161
CHEM 1211 and CHEM 1212	General Chemistry 1 and Lab for CHEM 1211
CHEM 1214 and CHEM 1215	General Chemistry 2 and Lab for CHEM 1214
EEMB 1450	Introduction to Marine Biology
EEMB 2302	Ecology

#### Physical Sciences and Mathematics

In addition to the following courses, any math skill course may be used with advisor approval:

ENVR 1101	Environmental Science
ENVR 1110	Global Climate Change
ENVR 1200	Dynamic Earth
ENVR 2200	Earth's Changing Cycles
ENVR 3418	Geophysics
MATH 4581	Statistics and Stochastic Processes
or any PHYS course	

#### Health and Wellness

BIOL 1141	Microbes and Society
BIOL 1143	Biology and Society
BIOL 1147	The Human Organism
BIOL 1149	Biology of Human Reproduction
BIOL 2217 and BIOL 2218	Integrated Anatomy and Physiology 1 and Lab for BIOL 2217
COMM 3201	Health Communication
HSCI 1105	Human Nutrition
HSCI 1106	Contemporary Issues in Nutrition
NRSB 1205	Wellness
PHIL 1165	Moral and Social Problems in Healthcare
PHIL 1180	Environmental Ethics
PHIL 1185	The Ethics of Food
PT 1880	Introduction to Sports Medicine
SOCL 1295	Drugs and Society

#### Communication, Culture, and Society

COMM 1131	Sex, Relationships, and Communication
COMM 1255	Communication in a Digital Age
COMM 2105	Social Networks
COMM 2304	Communication and Gender
COMM 2551	Free Speech in Cyberspace
COMM 3230	Interpersonal Communication

COMM 3304	Communication and Inclusion
COMM 4535	Nonverbal Social Interaction
COMM 4605	Youth and Communication Technology
COMM 4625	Online Communities
LING 3412	Language and Culture
LING 3442	Sociolinguistics
LING 3456	Language and Gender
<b>Social Work Track</b>	
HUSV 1101	Social Change and Human Services
HUSV 2355	Race, Identity, Social Change, and Empowerment
HUSV 2970	Research Methods for Human Services
HUSV 3900	Social Policy

## Mathematics Requirement

Code	Title	Hours
Complete one of the following courses:		4
CS 1800	Discrete Structures	
MATH 1213	Interactive Mathematics	
MATH 1215	Mathematical Thinking	
MATH 1231	Calculus for Business and Economics	
MATH 1241	Calculus 1	
MATH 1242	Calculus 2	
MATH 1251	Calculus and Differential Equations for Biology 1	
MATH 1252	Calculus and Differential Equations for Biology 2	
MATH 1340	Intensive Calculus for Engineers	
MATH 1341	Calculus 1 for Science and Engineering	
MATH 1342	Calculus 2 for Science and Engineering	

## BS in Psychology Major Credit Requirements

Complete 68 semester hours in the major. A maximum of 34 semester hours of transfer credit is allowed in the major. *Note:* Up to 12 semester hours of psychology-related electives will count toward the major *only after* the "Interdisciplinary Cluster" section has been completed.

## Program Requirement

128 total semester hours required

## Plan of Study

### Five Years, Three Co-ops in Summer 2/Fall

Year 1								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
ENGW 1111		4 PSYC area A elective		4 Vacation		0 Vacation		0
PSYC 1000		1 PSYC elective		4				
PSYC 1101		4 Elective		4				
PSYC 1214 (or other PSYC elective)		4 Elective		4				
Math requirement		4						
		<b>17</b>			<b>16</b>			<b>0</b>
								<b>0</b>
Year 2								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
PSYC 2320		4 EESC 2000		1 Vacation		0 Co-op		0
PSYC area B elective		4 PSYC area A elective		4				
Elective		4 PSYC area B elective		4				
Elective		4 PSYC interdisciplinary cluster		4				
		Elective		4				
		<b>16</b>			<b>17</b>			<b>0</b>
								<b>0</b>

<b>Year 3</b>							
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>	<b>Summer 1</b>	<b>Hours</b>	<b>Summer 2</b>	<b>Hours</b>
Co-op	0	ENGW 3315	4	Elective	4	Co-op	0
		PSYC elective	4	Elective	4		
		PSYC lab elective	4				
		Elective	4				
	<b>0</b>		<b>16</b>		<b>8</b>		<b>0</b>
<b>Year 4</b>							
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>	<b>Summer 1</b>	<b>Hours</b>	<b>Summer 2</b>	<b>Hours</b>
Co-op	0	PSYC elective	4	Elective	4	Co-op	0
		PSYC lab elective	4	Elective	4		
		PSYC interdisciplinary cluster	4				
		Elective	4				
	<b>0</b>		<b>16</b>		<b>8</b>		<b>0</b>
<b>Year 5</b>							
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>				
Co-op	0	PSYC seminar elective	4				
		PSYC interdisciplinary cluster	4				
		PSYC elective	4				
		Elective	4				
	<b>0</b>		<b>16</b>				

**Total Hours: 130**

### Five Years, Three Co-ops in Spring/Summer 1

<b>Year 1</b>							
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>	<b>Summer 1</b>	<b>Hours</b>	<b>Summer 2</b>	<b>Hours</b>
ENGW 1111	4	PSYC area A elective	4	Vacation	0	Vacation	0
PSYC 1000	1	PSYC elective	4				
PSYC 1101	4	Elective	4				
PSYC 1214 (or other PSYC elective)	4	Elective	4				
Math requirement	4						
	<b>17</b>		<b>16</b>		<b>0</b>		<b>0</b>
<b>Year 2</b>							
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>	<b>Summer 1</b>	<b>Hours</b>	<b>Summer 2</b>	<b>Hours</b>
EESC 2000	1	Co-op	0	Co-op	0	Elective	4
PSYC 2320	4					Elective	4
PSYC area B elective	4						
Elective	4						
Elective	4						
	<b>17</b>		<b>0</b>		<b>0</b>		<b>8</b>
<b>Year 3</b>							
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>	<b>Summer 1</b>	<b>Hours</b>	<b>Summer 2</b>	<b>Hours</b>
ENGW 3315	4	Co-op	0	Co-op	0	Elective	4
PSYC area A elective	4					Elective	4
PSYC area B elective	4						
Elective	4						
	<b>16</b>		<b>0</b>		<b>0</b>		<b>8</b>

Year 4							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
PSYC elective		4 Co-op		0 Co-op		0 Vacation	0
PSYC lab elective	4						
PSYC interdisciplinary cluster	4						
Elective	4						
	<b>16</b>			<b>0</b>		<b>0</b>	<b>0</b>

Year 5							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
PSYC elective		4 PSYC seminar elective		4			
PSYC lab elective	4	PSYC interdisciplinary cluster	4				
PSYC interdisciplinary cluster	4	PSYC elective	4				
Elective	4	Elective	4				
	<b>16</b>		<b>16</b>				

Total Hours: 130

### Four Years, Two Co-ops in Summer 2/Fall

Year 1							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
ENGW 1111		4 PSYC area A elective		4 PSYC elective		4 Vacation	
PSYC 1000	1	PSYC elective	4	Elective		4	
PSYC 1101	4	Elective	4				
PSYC 1214 (or other PSYC elective)	4	Elective	4				
Math requirement	4						
	<b>17</b>		<b>16</b>			<b>8</b>	<b>0</b>

Year 2							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
EESC 2000		1 PSYC area A elective		4 Elective (or AP credit, etc.)		4 Co-op	
PSYC 2320	4	PSYC area B elective	4	Elective (or AP credit, etc.)		4	
PSYC area B elective	4	PSYC interdisciplinary cluster	4				
PSYC interdisciplinary cluster	4	PSYC elective	4				
PSYC elective	4						
	<b>17</b>		<b>16</b>			<b>8</b>	<b>0</b>

Year 3							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
Co-op		ENGW 3315		4 Elective (or AP credit, etc.)		4 Co-op	
		PSYC interdisciplinary cluster	4	Elective (or AP credit, etc.)		4	
		PSYC lab elective	4				
		Elective	4				
	<b>0</b>		<b>16</b>			<b>8</b>	<b>0</b>

Year 4							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
Co-op		PSYC lab elective	4	Elective		4 Vacation	
		PSYC seminar elective	4	Elective		4	
		Elective	4				

	Elective	4						
	0	16		8				0

Total Hours: 130

### Four Years, Two Co-ops in Spring/Summer 1

Year 1								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
ENGW 1111		4 PSYC area A elective		4 PSYC elective		4 Vacation		
PSYC 1000		1 PSYC elective		4 Elective		4		
PSYC 1101		4 Elective		4				
PSYC 1214 (or other PSYC elective)		4 Elective		4				
Math requirement		4						
	17		16		8			0
Year 2								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
EESC 2000		1 Co-op		Co-op		Elective (or AP credit, etc.)		4
PSYC 2320		4				Elective (or AP credit, etc.)		4
PSYC area B elective		4						
PSYC interdisciplinary cluster		4						
PSYC elective		4						
	17		0		0			8
Year 3								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
PSYC area A elective		4 Co-op		Co-op		Elective (or AP credit, etc.)		4
PSYC area B elective		4				Elective (or AP credit, etc.)		4
PSYC interdisciplinary cluster		4						
Elective		4						
	16		0		0			8
Year 4								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
ENGW 3315		4 PSYC lab elective		4 Elective		4 Vacation		
PSYC interdisciplinary cluster		4 PSYC seminar elective		4 Elective		4		
PSYC lab		4 Elective		4				
PSYC elective		4 Elective		4				
	16		16		8			0

Total Hours: 130