

NEW College Core Requirements

Semester Taken	Requirement	Fulfilled by (Course)
	CIE-100	
	CIE-200	
<i>Three courses. One course satisfying each of the following learning goals. No more than two can be taken within a student's major department.</i>		
	DN Engage diversity and inequality	
	GN Examine global interconnections	
	O Consider obligations	
<i>One course satisfying each of the Ways of Asking requirements, except for the A requirement which can be fulfilled by one three- or four- credit course, or a total of four credits over multiple semesters. Although typically courses only will have one of these designations, a single course under question 3 can fulfill multiple question 3 or a combination of question 2 and 3 requirements.</i>		
	A Artistic/performance	
	R Deductive reasoning (was M Math)	
	H Humanistic inquiry	
	Q Quantitative reasoning	PSYC-200Q Introductory Research Methods and Statistics
	S Scientific inquiry/experimentation	
	SS Social scientific inquiry	PSYC-100 Introductory Psychology
<i>Two courses, both in the same language, satisfying the requirement:</i>		
	L Foreign Language	
	L Foreign Language	
<i>Linked Inquiry requirement - Satisfied by completing one of the following: Team-taught course or Paired courses (learning community)</i>		
	LINQ Linked Inquiry requirement	
<i>Satisfied by completing any course designated CCAP.</i>		
	CCAP Core Capstone	
<i>Experiential Learning Project (XLP) by completing independent research, an internship, study abroad, student teaching or civic engagement.</i>		
	XLP Experiential Learning Project	

Foundation Courses (2 courses)

Psychology Major Requirements

Semester	Course	Course Title (Designation)
	PSYC-100	Introductory Psychology (SS)
	PSYC-200Q	Introductory Research Methods and Statistics

Each student must select four courses, each one from a different content area, at least two of which must be at the 300-level.

Semester	Course	Course Title (Designation)
Health		
	PSYC/GWSS/IDS-214	Human Sexuality
	PSYC-310	Health Psychology: The Psychological Experience of Illness
	PSYC-312	Health Psychology: Health Beliefs, Behaviors, and Behavior Change
Clinical/Personality		
	PSYC-220	Mental Health and Abnormal Psychology
	PSYC-320	Psychopathology and Psychotherapy
	PSYC-322	Personality
Cognitive/Cognitive Neuroscience		
	PSYC-230	Sensation and Perception
	PSYC-232	Learning
	PSYC/NEUR-330	Behavioral Neuroscience (SS)
	PSYC/NEUR-332	Cognitive Neuroscience (SS)
Developmental		
	PSYC-240	Lifespan Development
	PSYC-340	Child Development
	PSYC-342	Adolescent Development
Social		
	PSYC-250	Industrial/Organizational Psychology
	PSYC-252	Relationship Science
	PSYC-350	Social Psychology: Social Cognition and Influence
	PSYC-352	Social Psychology: Self and Interpersonal Relations

Advanced Research Methods Courses: Each student must select one course from at least two different content areas (two courses total).

Semester	Course	Course Title (Designation)
Health		
	PSYC-410W	Advanced Research Methods in Health Psychology
Clinical/Personality		
	PSYC-420W	Advanced Research Methods in Psychopathology
Cognitive/Cognitive Neuroscience		
	PSYC/NEUR-430W	Advanced Research Methods in Behavioral Neuroscience (S)
	PSYC/NEUR-432W	Advanced Research Methods in Cognitive Neuroscience (S)
Developmental		
	PSYC-440W	Advanced Research Methods in Development
Social		
	PSYC-450W	Advanced Research Methods in Social Psychology

Capstone Course: One seminar course (numbered in the 460s or 470s), or honors research (numbered PSYC-491 or PSYC-492).

Semester	Course	Course Title (Designation)
	PSYC-460	Seminar: Depression
	PSYC-462	Seminar: Cultural Psychology (GN)
	PSYC/NEUR-464	Seminar: Psychopharmacology
	PSYC/NEUR-465	Seminar: Biological Bases of Learning and Memory
	PSYC/NEUR-466	Seminar: Neurodiversity and the Autism Spectrum
	PSYC-470	Seminar: Minority Health and Health Disparities
	PSYC-472	Seminar: Development in Context
	PSYC-475	Seminar: Special Topic in Psychology

Elective Courses (8 semester hours) Eight additional elected credits in Psychology.

Semester	Course	Course Title

In addition to the courses mentioned above, the following courses may count as elective courses.

Course	Course Title (Designation)
PSYC/ENV-260	Environmental Psychology
PSYC-262	Psychology and Law
PSYC-264	Psychology of Power and Privilege (SS, O, possible LINQ*)
PSYC-273 AND PSYC-274	Special Topics in Psychology <i>Two semester hours</i>
PSYC-275	Special Topics in Psychology
PSYC-381	Internship <i>Three semester hours (XLP)</i>
PSYC-382	Internship <i>Four semester hours (XLP)</i>
PSYC-391 AND PSYC-392	Reading in Psychology <i>One semester hour</i>
PSYC-481 AND PSYC-482	Research

Recommended Courses

These are not required but rather intended for the student who plans to pursue graduate study in psychology or related fields.

1. STAT-141Q, 242, or 243W.
2. PSYC-481, 482, 491, or 492.
3. At least three electives from departmental offerings at the 300-400 level.
4. BIO-101Q or BIO-102Q.

Neuroscience Major Requirements

Neuroscience Core (2 courses)

Semester Completed	Course	Course Title (Designation)
	NEUR-100	Fundamentals of Neuroscience
	NEUR-200WQ (if offered)	Research Methods and Techniques in Neuroscience (Q)

Interdisciplinary Foundation (7 courses) Note: Students interested in a more traditional background to Neuroscience are encouraged to choose the Chemistry Foundation. Students interested in more mathematical aspects of Neuroscience (e.g., modeling, biomechanics, etc.) are encouraged to choose the Physics Foundation.

Semester Completed	Course	Course Title (Designation)
Biology Foundation (3 courses)		
	BIO-101Q	Issues in Ecology and Evolution (S)
	BIO-102Q	Cell Biology (S)
	BIO-201W	Genetics
Psychology Foundation (2 courses)		
	NEUR/PSYC-330	Behavioral Neuroscience (SS)
	NEUR/PSYC-332	Cognitive Neuroscience (SS)
Chemistry or Physics Foundation (2 courses): select two Chemistry OR two Physics courses		
	[^] CHEM-107/107LQ AND	General Chemistry I (S)
	[^] CHEM-108/108L	General Chemistry II
	[^] PHYS-111Q AND	General Physics I (S)
	PHYS-112	General Physics II (S)

Advanced Courses (2 courses): at least one must be completed in junior or senior year. Neuroscience majors fulfill the oral presentation and capstone requirement by completing two advanced research courses (one in biology and one in psychology)

Semester	Course	Course Title (Designation)
Biology (1 course): select one course		
	[^] NEUR/BIO-431W OR [^] 433W OR [^] 435W	Cellular OR Molecular OR Developmental Neurobiology
Psychology (1 course): select one course		
	[^] NEUR/PSYC-430W OR [^] 432W	Advanced Research Methods in Behavioral OR Cognitive Neuroscience

Breadth Courses (3 courses): Neuroscience majors must take a minimum of 3 approved breadth courses. Only one 4-credit, on-campus research course may be used to satisfy the breadth requirement (i.e., NEUR-481, 482, 491W, 492W). Students may not use courses to fulfill both the Breadth requirement as well as either the Interdisciplinary Foundation or Advanced Research Course credit. Students are encouraged to take advantage of the interdisciplinary nature of the neuroscience major and choose breadth courses from multiple departments.

Semester	Course	Course Title

Course	Course Title (Designation)	Course	Course Title (Designation)
NEUR/BIO-225	Glial Cell Biology	CHEM 207/207L	Organic Chemistry I and Lab
NEUR/PSYC-230	Sensation and Perception	CHEM 208/208L	Organic Chemistry II and Lab
NEUR-350	Special Topics in Neuroscience	CS-170Q	In Silico, Designing Simulations via Computer Science (S,R)
NEUR-382	Internship (XLP)	CS-173	Introduction to Computer Science (Q, R)
[^] NEUR/PSYC-430W	ARM in Behavioral Neuroscience	DANC-340	The Thinking Body: Somatic Theory and Practice (A)
[^] NEUR/BIO-431W	Cellular Neurobiology	HEP/BIO-205	Human Anatomy & Physiology I (S if taken with 205L)
[^] NEUR/PSYC-432W	ARM in Cognitive Neuroscience (S)	HEP-351	Structural Kinesiology (S)
[^] NEUR/BCMB/BIO-433W	Molecular Neurobiology	MATH-235	Linear Algebra (R)
[^] NEUR/BIO-435W	Developmental Neurobiology (O, S)	MATH/PHIL-260	Logic (R)
NEUR/PSYC-464	Seminar: Psychopharmacology	PHIL-246	Biomedical Ethics (H, DN)
NEUR/PSYC-466	Seminar: Neurodiversity and the Autism Spectrum	PHIL-274	Philosophy of Mind (H)
NEUR-481W or 482W	Independent Research in Neuroscience (XLP)	PHIL-278	Theory of Knowledge (H)
NEUR-485 or 486	Off-campus Research (XLP)	*PHIL-309	Advanced Topics in Philosophy (H, O)

NEUR-491W or 492W	Independent/Honors Research in Neuroscience (XLP)	PHIL-364	Philosophy of Language (H)
BCMB-351 or CHEM-347	Biochemistry I OR Fundamentals of Biochemistry	PHIL-374	Consciousness and Thought (H)
BIO-224	Within the Cell: Further Explorations in Cell Biology & Genetics	@PHYS-111Q	General Physics I (S)
BIO-305	Human Anatomy and Functional Morphology	@PHYS-112Q	General Physics II (S)
BIO-306 or BIO-349	Human Physiology OR Experimental Physiology	PSYC-220	Mental Health and Abnormal Psychology
BIO/NEUR-333	Stem Cell Biology (O)	PSYC-232	Learning
BIO-346	Developmental Biology	PSYC-240	Lifespan Development
*BIO-350	Selected Topics in Biology	*PSYC-275	Special Topic in Psychology
BIO-449W	Immunology	PSYC-320	Psychopathology and Psychotherapy
BIO-459W	Virology	PSYC-340	Child Development
+CHEM-107/107LQ	General Chemistry I and Lab (S, if taken with CHEM-107LQ.)	PSYC-460	Seminar: Depression
+CHEM 108/108L	General Chemistry II and Lab	*PSYC-475	Seminar: Special Topic in Psychology
		STAT-243W	Biostatistics (R)

Notes:

^A student taking NEUR/PSYC-430W, NEUR/BIO-431W, NEUR/PSYC-432W, NEUR/BCMB/BIO-433W, or NEUR/BIO-435W may not use the course to count as credit towards both the advanced research courses and breadth courses.

*BIO-350, PHIL-309, *PSYC-275, *PSYC-475 may be used as a major elective when the topic(s) covered are related to Neuroscience. Approval of the Neuroscience Coordinator required.

+A student taking CHEM-107/107LQ or CHEM-108/108LQ may not use the course to count as credit towards both the chemistry foundation and breadth courses.

@A student taking PHYS-111Q/112Q may not use the course to count as credit towards both the physics foundation and breadth courses.

Year Credits (128 needed)	Fall	Spring	Total
Freshman Year			
Sophomore Year			
Junior Year			
Senior Year			