

NEUROSCIENCE (B.S.)

Integrative Studies Requirements

40 credits

Code	Title	Credits	Completed
Major Requirements (72 credits)			
<i>Core Courses (36 Credits)</i>			
INBIO-110	Cells and Molecules	4	_____
INBIO-111	Evolution & Ecology	4	_____
ISPSYC-101	General Psychology	4	_____
INCHEM-111	General Chemistry	4	_____
CHEM-112	Gen Chemistry II	4	_____
PSYC-252	Research Meth Psyc	4	_____
PSYC-253	Brain & Behavior	4	_____
BIO-312	Cell Biology	4	_____
MATH-141	Introductory Statistics	4	_____
or PSYC-251	Psychological Statistics		_____
<i>Research Courses (8 Credits)</i>		8	_____
PSYC-498	Independent Study (Must take Independent Study twice to total 8 credits)		_____
<i>Capstone</i>			
PSYC-475	Human Psychophysiology	4	_____
<i>Foundation Courses</i>			
<i>Select two of the following:</i>		8	_____
BIO-311	Genetics		_____
BIO-382	Neurobiology		_____
BIO-445	Animal Behavior		_____
PSYC-453	Sensation & Perception		_____
PSYC-457	Cognitive Neuroscience		_____
<i>Related Science Courses:</i>			
CHEM-221	Organic Chemistry I	4	_____
CHEM-222	Organic Chemistry II	4	_____
INPHYS-141	College Physics I	4	_____
or INPHYS-241	University Physics I		_____
<i>Recommended Science Courses (Not Required)</i>			
PHYS-142	College Physics II		_____
or PHYS-242	University Physics II		_____
<i>Elective Courses (4 Credits)</i>		4	_____

Select one additional 200/300/400 level course from one of the following disciplines (not including independent studies or practica, PSYC-298/498 or PSYC-470)

Biology (BIO)	_____
Chemistry (CHEM)	_____
Computer Science (CS)	_____
Health Sciences (HLSC)	_____
Math (MATH)	_____
Philosophy (PHIL)	_____
Psychology (PSYC)	_____
Total Credits	72

¹ Can be repeated as allowed

Electives

Select courses to reach a total of 120 credits.

Degree Requirements

120 credits

40 credits at the upper-level

Neuroscience Honors Program

Motivated neuroscience students may participate in an advanced program of research culminating in graduation with Honors in Neuroscience. This program allows students to pursue supervised research or applications of neuroscience principles in greater depth than provided in course offerings. Students electing to participate in this program complete all requirements for the Neuroscience BA or BS major plus 1 credit of#PSYC-396 Junior Honors Seminar, 2 credits of#PSYC-496 Honors Seminar and 6 credits of#PSYC-499 Honors Research during the two semesters of the senior year. These credits are in addition to open elective credits used to fulfill the requirements for the Neuroscience major.

Admission to the Honors Program is based on:

- Self-nomination after the Fall Semester of the Junior year with an overall grade point average of 3.20.
- Completion of the core requirements of the Neuroscience major at the time of, or concurrent with, enrollment in#PSYC-396 Junior Honors Seminar.
- Support of an Honors Committee consisting of a faculty sponsor and two other faculty members. The primary mentor must be from the department of psychology or a person on the list of Neuroscience affiliated faculty. The Honors Committee will review the student's project proposal at the completion of#PSYC-396 Junior Honors Seminar.

At the end of the senior year, each participant:

- Submits a final written report on the Honors work for approval by their Honors Committee.
- Presents the results of their work and responds to questions about the project and its relationship to the larger body of neuroscience knowledge, in a colloquium open to the public.
- The student's Honors Committee votes on whether or not to accept the Honors project.

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- Students successfully completing all facets of the Honors Program and having an average of 3.20 overall and 3.20 in courses for the neuroscience major will graduate with Honors in Neuroscience.