56

NEUROSCIENCE (B.A.)

Integrative Studies Requirements

40 credits

Code	Title	Credits	Completed
Major Requireme	ents (56 credits)		
Core Courses (32	Credits)		
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	
MATH-141	Introductory Statistics	4	
or PSYC-251	Psychological Statistics		
Research Courses	s (4 Credits)		
PSYC-498	Independent Study	4	
Capstone (4 Credits)			
PSYC-475	Human Psychophysiology	4	
Foundation Courses		8	
Select two of the following:			
BIO-311	Genetics		
BIO-312	Cell Biology		
BIO-382	Neurobiology		
BIO-445	Animal Behavior		
PSYC-453	Sensation & Perception		
PSYC-457	Cognitive Neuroscience		
Elective Courses	(8 Credits)	8	
Select two additi level courses fro of the following of include ISP cour independent stur 298/498)	ional 200/300/400 m one or more disciplines (can ses, not inclduing dies or practica		
Biology (BIO)			
Chemistry (CH	HEM)		
Computer Sci	ence (CS)		
Health Science	e (HLSC)		
Math (MATH)			
Philosophy (P	HIL)		
Physics (PHY	S)		

Psycho	logy	(PSYC)
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Total Credits

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.
- 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.