NEUROSCIENCE (B.A.)

Integrative Studies Requirements
40 credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Completed</th>
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<tbody>
<tr>
<td>INBIO-110</td>
<td>Cells and Molecules</td>
<td>4</td>
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<tr>
<td>INBIO-111</td>
<td>Evolution &amp; Ecology</td>
<td>4</td>
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<tr>
<td>ISPSYC-101</td>
<td>General Psychology</td>
<td>4</td>
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<tr>
<td>INCHEM-111</td>
<td>General Chemistry</td>
<td>4</td>
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<tr>
<td>CHEM-112</td>
<td>Gen Chemistry II</td>
<td>4</td>
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<tr>
<td>PSYC-252</td>
<td>Research Meth Psyc</td>
<td>4</td>
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<tr>
<td>PSYC-253</td>
<td>Brain &amp; Behavior</td>
<td>4</td>
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<tr>
<td>MATH-141</td>
<td>Introductory Statistics</td>
<td>4</td>
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<tr>
<td>or PSYC-251</td>
<td>Psychological Statistics</td>
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Research Courses (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 additional 200/300/400 level courses from one or more of the following disciplines (can include ISP courses, not including independent studies or practica 298/498)

- Biology (BIO)
- Chemistry (CHEM)
- Computer Science (CS)
- Health Science (HLSC)
- Math (MATH)
- Philosophy (PHIL)
- Physics (PHYS)

Total Credits 56

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.