

Neuroscience as an Allied Joint Concentration worksheet (8 courses + 3 research requirements)

Note: Only two courses can double count with the primary concentration.

Foundational Biology (2 courses)

1. Any one of the following (courses with labs are underlined):

LS 1a/LPSA Chemistry, Molecular/Cell Bio, LS 1b Genetics, Genomics, Evolution,
LS 50 Integrated Science, LS 2 Evolutionary Human Physiology and Anatomy,
HEB 55 Human Anatomy, MCB 60 Cell Biology, MCB 63 Biochemistry,
MCB 65 Physical Biochemistry, MCB 66 Cell Biology, MCB 68 Cell Bio & Microscopy,
OEB 50 Population Genetics, OEB 53 Evolutionary Biology, SCRB 50 Building a Body

2. One approved 100-level HEB, MCB, OEB, or SCRБ course (or any second course from the box above)

Neuroscience (5 courses)

3. **Neuro 80: Neurobiology of Behavior**

4.
 5.

**Any two Core
Neuroscience
courses:**

Neuro 57 (Animal Behavior), **Neuro 105** (Systems Neuroscience),
Neuro 115 (Neurophysiology), **Neuro 120** (Computational
Neuroscience), **Neuro 125** (Molecular Neuroscience), **Neuro 1202**
(Modern Neuroanatomy), **Psy 14** (Cognitive Neuroscience)

6. [Advanced Neuro #1](#) – [Tutorial](#) (Neuro 101) or Neuro Elective
 7. [Advanced Neuro #2](#) – Neuro Elective

Mathematics: (1 course)

8. Any Math (at or above the level of Math 1A), Applied Math, Statistics, or select* CS course
*discuss specific courses with the concentration advisors in advance

Required research and thesis (3 requirements)

- Completion of the Lab Info Sheet** at the start of the 6th semester (typically junior spring)
- Completion of the Neuroscience Joint Concentrator Thesis Plan** at the end of the 6th semester
- Completion of an integrated thesis**

All required research forms can be [found here](#).
