

**Checklist for Neuroscience Majors AY2021 and On**

*NOTE: this is a tool to assist in determining major requirements - does not necessarily reflect all changes made in the past year. For the most up to date information please check the Bulletin*

Name \_\_\_\_\_ Advisor \_\_\_\_\_ Degree \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**A. Core Courses\*:** Neuro NBIO 140b \_\_\_\_\_  
 Quant BIOL51a, 107a, 135b; NBIO136b; NPSY137b; PSYC 51a, 148a, 210a; QBIO 110a; NPHY 115a, ECON 83a or PHYS 105a

**B. Neuroscience Electives (at least 2 courses from the neurobiology list and 2 courses from the cognitive neuroscience (NPSY) list)**

**Neurobiology**

**Electives**

BIOL 149b \_\_\_\_\_ Molecular Pharmacology  
 NBIO 136b \_\_\_\_\_ Comp. Neuroscience  
 NBIO 142b \_\_\_\_\_ Sleep  
 NBIO 143b \_\_\_\_\_ Developmental Neurobiology  
 NBIO 145b \_\_\_\_\_ Neuroscience Systems  
 NBIO 146a \_\_\_\_\_ Neurobio of Human Disease  
 NBIO 147a \_\_\_\_\_ Neurogenetics  
 NBIO 148b \_\_\_\_\_ Cllr Mchnsms of NrnI Exctblty/Pltcsty  
 NBIO 157a \_\_\_\_\_ Proj Lab NeuroBio and Behavior  
 NBIO 161a \_\_\_\_\_ Cell&Network Mech of Mem

**C. Additional Science Electives (at least 12 credits, i.e., equivalent of three full courses) must be fulfilled with laboratory classes\*\*\*\***

BA, at least 44 credits (equivalent to 11 full courses) of add'l science electives  
 BS, at least 52 credits (equivalent to 13 full courses) of add'l science electives

Any course numbered 10 and above in BIOL, BCHM, CHEM, COSI, MATH, PHYS, and QBIO as well as any elective on the neurobiology list and up to three electives from the cognitive neuroscience list In order for research 93/99 courses (BIOL, NEUR, CHEM, BCHM) to count towards this requirement, students must at least 2 semesters and will receive only 4 credits (equivalent to one full course) toward the requirement.

**Cognitive Neuroscience**

**Electives**

NPSY 11b \*\* \_\_\_\_\_ Intr to Beh Neur (not also NBIO45)  
 NPSY 12a \_\_\_\_\_ Sensory Processes  
 NPSY 16a \_\_\_\_\_ Motor Control (**NPSY 127a**)  
 NPSY 17a \_\_\_\_\_ Hand and Brain  
 NPSY 22b \_\_\_\_\_ Intro. To Cog. Neuro.  
 NPSY 28a \_\_\_\_\_ Learning and Memory  
 NPSY 120b \_\_\_\_\_ Man in Space  
 NPSY 139a \_\_\_\_\_ Memory and the Brain  
 NPSY 141a \_\_\_\_\_ Stress, Physiology & Health  
 NPSY 154a \_\_\_\_\_ Human Memory  
 NPSY 174b \_\_\_\_\_ Visual Cognition  
 NPSY 180a \_\_\_\_\_ Social Neuroscience and Culture  
 NPSY 182a \_\_\_\_\_ Dev. Cog NS: Infancy thru Adolesc.  
 NPSY 196b \_\_\_\_\_ Adv. Topics in Cognition  
 NPSY 197a \_\_\_\_\_ Adv. Topics Behav Neurosci  
 NPSY 199a \_\_\_\_\_ Human Neuropsychology  
 PHIL 123b \*\*\* \_\_\_\_\_ Neuroethics  
 PHIL 131a \*\*\* \_\_\_\_\_ Philosophy of Mind  
 PHIL 153a \*\*\* \_\_\_\_\_ Neurophilosophy

	BA	BS
	1 _____	1 _____
	2 _____	2 _____
	3 _____	3 _____
	4 _____	4 _____
	5 _____	5 _____
	6 _____	6 _____
	7 _____	7 _____
	8 _____	8 _____
		9 _____
		10 _____

**Lab Requirement (6 2 credit labs - 4 credit labs count as two 2 credit labs)**

1 _____	1 _____
2 _____	2 _____
3 _____	3 _____
4 _____	4 _____
5 _____	5 _____
6 _____	6 _____

**NOTES:**

- \* No individual course can count towards more than one requirement within the Neuroscience major
- \*\* Only one of NPSY 11 and NBIO 45 can be taken for credit towards the major
- \*\*\* Only one PHIL class can count as a Group 2 elective
- \*\*\*\*You cannot count BIOL 51a as an Additional Elective if you are also using either ECON 83a or PSYC 51a for your quantitative requirement

Candidates for Neur 99 must petition the program committee during the fall of their senior year and submit a thesis. Candidates for the Senior Honors Program must also orally defend a thesis.