Checklist for Neuroscience Majors AY2020

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: BIOL51a, 107a, 135b; NBIO136b; NPSY137b; PSYC 51a, 148a, 210a; QBIOL 110a; NPHY 115a, ECON 83a or PHYS 105a
- Quant: BIOL51a, 107a, 135b; NBIO136b; NPSY137b; PSYC 51a, 148a, 210a; QBIOL 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 Cell Mchnsms of Nrml Excitblty/Pltctsty
- NBIO 157a Proj Lab NeuroBio and Behavior

### 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 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 Adoleesc.
- 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

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

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

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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.