



## Bachelor of Science - Neuroscience Emphasis

### PREPARATORY Subject Matter: 62-65 units

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| _____ Philosophy 10 / Cognitive Science 1  | _____ Linguistics 1                                  |
| _____ Psychology 1 / Psychology 1Y         | _____ Philosophy 13G                                 |
| _____ Psychology 41                        | ____/____/____ Math 17A-C or Math 21A-C              |
| ✓ <b>Statistics</b> 13 (13V) or <b>100</b> | ✓/✓/____ <b>Biological Sciences 2A &amp; 2B</b> & 2C |
|  | ✓/✓/✓ <b>Physics 7A-C or 9A-C</b>                    |

### DEPTH Subject Matter: 45-47 units

- **Group A— Core Classes *Complete All* (13 units)**
  - ✓ **Any Upper Division Cognitive Science Course (4)**
  - ✓ **NPB 100 (4): Neurobiology**
  - \_\_\_\_\_ PSC 103A (5): Statistical Analysis of Psychological Data
- **Group B (Computation) – Complete ONE of the following courses (4-5 units)**
  - \_\_\_\_\_ NPB 167: Computational Neuroscience (*offered infrequently*) OR \_\_\_\_\_ LIN 177: Computational Linguistics
- **Group C (Neuroscience) – Complete 12-13 units from the following courses**

_____ <u>NPB 112 (3): Neuroscience</u>	_____ <u>NPB 165 (3): Neurobiology of Speech Perception</u>
_____ <u>NPB 152/PSC 123 (3): Hormones and Behavior</u>	_____ <u>LIN 175: Biological Basis of Language</u>
_____ <u>NPB 161 (3): Developmental Neurobiology</u>	_____ <u>PSC 101<sup>*^</sup>: Biological Psychology</u>
_____ <u>NPB 162 (3): Neural Mechanisms of Behavior</u>	_____ <u>PSC 121<sup>*</sup>: Physiological Psychology</u>
_____ <u>NPB 163 (3): Systems Neuroscience</u>	_____ <u>PSC 135<sup>*</sup>: Cognitive Neuroscience</u>
_____ <u>NPB 164: Mammalian Vision</u>	
- **Group D (Philosophy/Linguistics) – Complete TWO of the following courses (8 units)**

_____ <u>LIN 103A: Linguistics Analysis I</u>	_____ <u>LIN 182: Multilingualism</u>
_____ <u>LIN 103B: Linguistics Analysis II</u>	_____ <u>PHI 103: Philosophy of the Mind</u>
_____ <u>LIN 150: Languages of the World</u>	_____ <u>PHI 104: The Evolution of Mind</u>
	_____ <u>PHI 129: Knowledge and the A Priori</u>
- **Group E (Psychology) – Complete TWO of the following courses (8 units)**

_____ <u>PSC 100: Cognitive Psychology</u>
_____ <u>PSC 101<sup>*^</sup>: Biological Psychology</u>
_____ <u>PSC 113: Developmental Psychobiology</u>
_____ <u>PSC 121<sup>*</sup>: Physiological Psychology</u>
_____ <u>PSC 124: Comparative Neuroanatomy</u>
_____ <u>PSC 130: Human Learning and Memory</u>
_____ <u>PSC 131: Perception</u>
_____ <u>PSC 132: Language and Cognition</u>
_____ <u>PSC 135<sup>*</sup>: Cognitive Neuroscience</u>
_____ <u>PSC 137: Neurobiology of Learning</u>

\* Starred courses can only be used to satisfy the requirements for Group C or Group E, NOT both

^ Only 2 units of credit granted for PSC 101 if NPB 100 has been previously completed (this restriction only applies towards graduation units, NOT major units)