Effective Fall 2019

**Bachelor of Science - Neuroscience Emphasis**

**PREPARATORY Subject Matter 62-65 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>Philosophy 10/Cognitive Science 1</td>
<td></td>
<td>Math 17A-C or Math 21A-C</td>
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<tr>
<td>Psychology 1 /Psychology 1Y</td>
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<td>Biology 2A-C</td>
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<tr>
<td>Psychology 41</td>
<td></td>
<td>Physics 7A-C or Physics 9A-C</td>
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<tr>
<td>Statistics 13 or 100</td>
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<tr>
<td>Linguistics 1/Linguistics 1Y</td>
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<tr>
<td>Philosophy 13G</td>
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**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 Neuoscience
- LIN 177: Computational Linguistics

*(Due to limited seats in the courses above, we will also accept: CMN 150V, LIN 127, ECS 124, ECS 163)*

**Group C: Neuroscience - Complete 12-13 units from the following courses**

- NPB 152/PSC 123 (3): Hormones and Behavior
- PSC 101*: Biological Psychology
- NPB 161 (3): Developmental Neurobiology
- PSC 121*: Physiological Psychology
- NPB 162 (3): Neural Mechanisms of Behavior
- CGS 107/PSC 133: Neuroeconomics
- NPB 163: Systems Neuroscience
- PSC 135*: Cognitive Neuroscience
- NPB 164: Mammalian Vision
- PSC 139: Advanced Cognitive Neuroscience
- NPB 165 (3): Neurobio of Speech Perception
- PSC 145: Develop. Cognitive Neuroscience
- LIN 175: Biological Basis of Language

**Group D/E: Philosophy & Linguistics - Complete TWO of the following courses (8 units)**

- PHI 103: Philosophy of the Mind
- LIN 103A: Linguistics Analysis I
- PHI 104: The Evolution of Mind
- LIN 103B: Linguistics Analysis II
- PHI 129: Knowledge & the A Priori
- LIN 150: Languages of the World
- PHI 136: Formal Epistemology
- LIN 182: Multilingualism

**Group F: Psychology - Complete TWO of the following courses (8 units)**

- PSC 100: Intro to Cognitive Psychology
- PSC 132: Language and Cognition
- PSC 101*: Biological Psychology
- PSC 135*: Cognitive Neuroscience
- PSC 113: Developmental Psychobiology
- PSC 136: Psychology of Music
- PSC 121*: Physiological Psychology
- PSC 137: Neurobiology of Learning
- PSC 124: Comparative Neuroanatomy
- PSC 140: Developmental Psychology
- PSC 130: Human Memory
- PSC 141: Cognitive Development
- PSC 131: Perception

*Starred courses can only be used to satisfy the requirements for Group C or Group F, NOT both
^ Only 2 units of credit granted for PSC 101 if NPB 100 has been completed previously (this restriction only applies towards graduation units, NOT major units)