Bachelor of Science - Neuroscience Emphasis

PREPARATORY Subject Matter: 62-65 units

- Philosophy 10
- Psychology 1
- Psychology 41
- Statistics 13 or 100
- Philosophy 13G
- Math 17A-C or Math 21A-C
- Biology 2A-C
- Physics 7A-C or 9A-C

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 OR LIN 177: Computational Linguistics

- Group C (Neuroscience) – Complete 12-13 units from the following courses
  - NPB 112 (3): Neuroscience
  - NPB 152 (3): Hormones and Behavior
  - NPB 161 (3): Developmental Neurobiology
  - NPB 162 (3): Neural Mechanisms of Behavior
  - NPB 163 (3): Systems Neuroscience
  - NPB 164: Mammalian Vision
  - NPB 165 (3): Neurobiology of Speech Perception
  - LIN 175: Biological Basis of Language
  - PSC 101*: Biological Psychology
  - PSC 113: Developmental Psychology
  - PSC 121*: Physiological Psychology
  - PSC 124: Comparative Neuroanatomy
  - PSC 130: Human Learning and Memory
  - PSC 131: Perception
  - PSC 132: Language and Cognition
  - PSC 135*: Cognitive Neuroscience
  - PSC 137: Neurobiology of Learning

- Group D (Philosophy/Linguistics) – Complete TWO of the following courses (8 units)
  - LIN 103A: Linguistics Analysis I
  - LIN 103B: Linguistics Analysis II
  - LIN 150: Languages of the World
  - PHI 103: Philosophy of the Mind
  - PHI 104: The Evolution of Mind

- Group E (Psychology) – Complete TWO of the following courses (8 units)
  - PSC 100: Cognitive Psychology
  - PSC 101**: Biological Psychology
  - PSC 113: Developmental Psychology
  - PSC 121*: Physiological Psychology
  - PSC 124: Comparative Neuroanatomy
  - PSC 130: Human Learning and Memory
  - PSC 131: Perception
  - PSC 132: Language and Cognition
  - PSC 135*: Cognitive Neuroscience
  - PSC 137: Neurobiology of Learning

* 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

Effective starting Fall 2016