



## Bachelor of Science - Neuroscience Emphasis

### PREPARATORY Subject Matter: 62-65 units

- |                                          |                                      |
|------------------------------------------|--------------------------------------|
| ____ Philosophy 10 / Cognitive Science 1 | ____ Linguistics 1                   |
| ____ Psychology 1 / Psychology 1Y        | ____ Philosophy 13G                  |
| ____ Psychology 41                       | ___/___/___ Math 17A-C or Math 21A-C |
| ____ Statistics 13 or 100                | ___/___/___ 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) – *see back of sheet for course options*
  - \_\_\_\_ 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</u> (3): Neuroscience	____ <u>NPB 165</u> (3): Neurobiology of Speech Perception
____ <u>NPB 152/PSC 123</u> (3): Hormones and Behavior	____ <u>LIN 175</u> : Biological Basis of Language
____ <u>NPB 161</u> (3): Developmental Neurobiology	____ <u>PSC 101</u> <sup>*^</sup> : Biological Psychology
____ <u>NPB 162</u> (3): Neural Mechanisms of Behavior	____ <u>PSC 121</u> <sup>*</sup> : Physiological Psychology
____ <u>NPB 163</u> (3): Systems Neuroscience	____ <u>PSC 135</u> <sup>*</sup> : Cognitive Neuroscience
____ <u>NPB 164</u> : Mammalian Vision	
- **Group D (Philosophy/Linguistics) – Complete TWO of the following courses (8 units)**

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

____ <u>PSC 100</u> : Cognitive Psychology
____ <u>PSC 101</u> <sup>*^</sup> : Biological Psychology
____ <u>PSC 113</u> : Developmental Psychobiology
____ <u>PSC 121</u> <sup>*</sup> : Physiological Psychology
____ <u>PSC 124</u> : Comparative Neuroanatomy
____ <u>PSC 130</u> : Human Learning and Memory
____ <u>PSC 131</u> : Perception
____ <u>PSC 132</u> : Language and Cognition
____ <u>PSC 135</u> <sup>*</sup> : Cognitive Neuroscience
____ <u>PSC 137</u> : 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 (this restriction only applies towards graduation units, NOT major units)