Neuroscience and Cognitive Science
Overview of 2018-19 Curriculum

GENERAL EDUCATION AND FOUNDATION COURSES

All NSCS Students

- General Education & University Foundations
  - MCB 181R/L – Intro Biology I w/lab
  - CHEM 151 – General Chemistry I w/lab
  - PHYS 102/181 – Intro Physics I w/lab
  - MATH 122A/B or 125 – Calculus I
  - PHIL 241 – Consciousness & Cognition
  - MATH 263 or PSY 230 – Biostatistics
  - NSCS 200 – Fundamentals of Neuroscience & Cognitive Science
    (24-26 units)

Neuroscience Option

- CHEM 152 – General Chemistry II w/lab
- CHEM 241A/243A – Organic Chemistry I w/lab
- PHYS 108/182 – Intro Physics II w/lab
  (12 units)

Cognitive Science Option

- NSCS 344 – Modeling the Mind
  3 courses from at least 2 categories:
  Cognitive Psychology, Linguistics, Philosophy
  (12 units)

NSCS MAJOR CORE AND ELECTIVE COURSES

- NROS 307 – Cellular Neurophysiology
- NSCS 315B – Methods in Neuroscience
- NSCS 315A – Methods in Cognitive Science
- NSCS 320 – Issues & Themes in Cognitive Science
- NROS 311 – Scientific Programming
  (11 units)

Neuroscience Option

- NROS 310 – Molecular & Cellular Bio of Neurons
- NROS 418 – Systems Neuroscience
  (6 units)

Cognitive Science Option

- 2 courses from the Cognition emphasis list
  (6 units)

Emphasis Electives
(15 units)