Neuroscience and Cognitive Science
2018-20 Curriculum Overview

GENERAL EDUCATION, FOUNDATION, AND FOCUS COURSES

All NSCS Students

General Education, University Foundations

NSCS 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)

Cognitive Science Focus

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

(12 units)

Neuroscience Focus

- CHEM 152 – General Chemistry II w/lab
- CHEM 241A/243A – Organic Chemistry I w/lab
- PHYS 103/182 – Intro Physics II w/lab
(12 units)

NSCS MAJOR CORE, ELECTIVE, AND FOCUS COURSES

All NSCS Students

NSCS 307 – Cellular Neurophysiology
NSCS 308 – Methods in Neuroscience
NSCS 311 – Scientific Programming
NSCS 320 – Issues & Themes in Cognitive Science
NSCS 321 – Methods in Cognitive Science
Emphasis Electives
(11 units)

Neuroscience Focus

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

Cognitive Science Focus

2 courses from the Cognition emphasis list
(6 units)