

# 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 103/182 – 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)