

Neuroscience & Cognitive Science

Overview of NSCS Curriculum for Catalog Years: 2021-22, 2022-23

GENERAL EDUCATION, FOUNDATION, AND FOCUS COURSES

All NSCS Students

General Education & University Foundation

NSCS Foundation:

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 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)

Cognitive Science Focus

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

NSCS MAJOR CORE, ELECTIVE, AND FOCUS COURSES

All NSCS Students

NROS 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
(11 units)

Emphasis Electives
(15 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)