

UNDERGRADUATE MINOR IN NEUROSCIENCE

NAME _____ STUDENT ID _____

18 units required for minor

GATEWAY COURSE (PRE-REQ FOR ALL NSCS / NROS COURSES)

NSCS 200 Fundamentals of Neuroscience & Cognitive Science (Fall Only Course).....3

Course pre-reqs: MCB 181R/L **and PSY 150A1 or 101*

REQUIRED COURSES (MUST COMPLETE NSCS 200 FIRST)

NROS 307 Cellular Neurophysiology (Honors Section Available).....3-4

NROS 310 Mol & Cell Bio of Neurons (Honors Section Available).....3-4

NSCS/NROS ELECTIVES (3 units needed)

Elective courses listed on next page.

1. _____

ADDITIONAL ELECTIVES (6 units needed)

These electives may be NSCS/NROS courses, or courses from the Additional Elective Options.
Elective courses listed on next page.

1. _____

2. _____

ELECTIVE OPTIONS

NSCS/NROS ELECTIVES

NROS 308 (1) Methods in Neuroscience
NROS 311 (3) Scientific Programming with MatLab
NROS 330 (3) Principles of Neuroanatomy: Cells to Systems
NSCS 344 (3) Modeling the Mind
NROS 381 (3) Animal Brains, Signals, Sex, and Social Behaviors
NROS 412 (3) Molecular Mechanisms of Learning and Memory
NROS 418 (3) Fundamental Principles of Systems Neuroscience
NROS 430 (3) Neurogenetics
NSCS 440 (3) How to Build a Brain: Mechanisms of Neural Development

ADDITIONAL ELECTIVES

PSY 313 or 413 (3) Drugs and the Brain
PSY 321 (3) Brain Rehabilitation
ECOL 346 (3) Bioinformatics
PSY 403C (3) Introduction to Computational Neuroscience
PSY 405 (3) Developmental Cognitive Neuroscience
PHYS 431 (3) Molecular Biophysics
ISTA 457 (3) Neural Networks
PSIO 465 (3) Neurophysiology
PSY 485 (3) Psychoneuroimmunology
ECOL 487R (3) Animal Behavior
ECOL 487L (1) Animal Behavior Lab
PSY 496L (3) Introduction to Neural Data Analysis