

B.S. NEUROSCIENCE GRADUATION REQUIREMENTS

Student Name: _____ Advisor Name: _____

Anticipated Graduation Year: _____

Other Majors/Minors: _____

Career/Post-graduate Goals: _____

Introductory Courses (must complete all)

- BIO 111 General Biology I
- BIO 112 General Biology II
- CHE 120 Chemical Principles of Organic Molecules
- CHE 140 Reactions of Organic Molecules
- PSY 111 General Psychology I
- PSY 112 General Psychology II

Quantitative Course (select one)

- PSY 209 Statistics and Research Design I
- MAT 109 Statistics

Core Course (select one)

- BIO 311 Neurobiology
- PSY 210 Biopsychology

Advanced Courses (must take six, including at least two from each list)

List A. Physical Properties

- _____
- _____
- _____
- _____

List B. Emergent Properties

- _____
- _____
- _____
- _____

Capstone (must take both)

- NEU 300 Neuroscience Junior Seminar
- NEU SCE Neuroscience Senior Capstone Experience

SCE Advisor _____

SCE Topic _____

NEUROSCIENCE ADVANCED COURSE OPTIONS (2021)

LIST A. PHYSICAL PROPERTIES OF THE NERVOUS SYSTEM

BIO 205 Cell Biology w/Lab
BIO 209 Genetics w/Lab
BIO 301 Integrative Human Anatomy w/Lab
BIO 302 Developmental Biology w/Lab
BIO 350 Toxicology w/Lab
BIO 394 Neurodevelopment w/Lab
BIO 424 Integrative Human Physiology w/Lab
CHE 220 Quantitative Chemical Analysis w/Lab
CHE 303 Chemistry of Biological Compounds
CHE 320 Medicinal Chemistry
NEU xxx Approved Special Topics
NEU xxx Approved Research Experiences

LIST B. EMERGENT PROPERTIES OF THE NERVOUS SYSTEM

BIO 328 Behavioral Ecology w/Lab
PSY 233 Psychopathology I
PSY 234 Psychopathology II
PSY 305 Psychopharmacology
PSY 313 Learning and Applied Behavioral Analysis
PSY 316 Cognitive Neuroscience
PSY 317 Sensation and Perception
PSY 410 Neuroscience Research Methods
NEU xxx Approved Special Topics
NEU xxx Approved Research Experiences

Institutional Requirements

___ 128 total credits
___ Major GPA > 2.0
___ 6 or fewer D grades
___ 2 or fewer D grades in major
___ W1/FYS
___ W2
___ W3
___ Foreign Language
___ Humanities/Fine Arts
___ Social Sciences

Class standing

Freshman <28 credits
Sophomore 28-59 credits
Junior 60-91 credits
Senior 92+ credits