

SIMPSON COLLEGE

NEUROSCIENCE

NEUROSCIENCE MAJOR

REQUIRED COURSES:

Neuroscience Foundation

- Biol 111 Principles of Biology II
- Psyc 233 Behavioral Neuroscience
- Biol 255 Biological Neuroscience
- Psyc 329 Cognitive Neuroscience
- Chem 101 Bonds & Structures I

Preparation for Neuroscience Research

- Psyc 214 Research Methods in Psychology
- Neuroscience Capstone Experience (one required)
 - Neur 375 Neuroscience Research
 - Biol 373 Physiology Seminar

NEUROSCIENCE ELECTIVES:

Four additional courses, at least one numbered 300 or above from the following:*

- Biol 225 Human Physiology
- Biol 235 Human Embryology
- Biol 251 Microbiology
- Biol 270 Basic Genetics
- Biol 322 Human Anatomy
- Biol 334 Cellular Biology
- Biol 360 Molecular Genetics
- Chem 102 Bonds & Structures II
- Chem 201 Organic Chemistry I
- Chem 202 Organic Chemistry II
- Chem 330 Biochemistry
- Phys 151 Principles of Physics I
- Phys 152 Principles of Physics II
- Phys 191 General Physics I
- Phys 192 General Physics II
- Math 151 Calculus I
- Psyc 237 Cognitive Psychology
- Psyc 334 Psychology of Language
- Psyc 336 Sensation and Perception
- Phil 345 Philosophy of Science
- Phil 235 Health Care Ethics

**Courses counted toward another major may not be used as electives for the Neuroscience major.*