

Neuroscience

Degree Type

Bachelor of Science

Department Chair: Bret Clark, Ph.D.

Requirements for the **Major in Neuroscience** (not including General Education Core).

Requirements for the Major

Item #	Title	Credits
BIO 130	Human Biology	4
BIO 212	Microbiology	4
BIO 215	Human Anatomy and Physiology I	4
CHE 113	General Chemistry I	4
CHE 114	General Chemistry II	4
PSY 120	General Psychology	3
PSY 231	Abnormal Psychology	3
SSC 220	Research Methods for the Social Scientist	3

Choose One Statistics Course

Item #	Title	Credits
MAT 200	Applied Statistics	3
SSC 230	Introduction to Statistics for Social Scientists	3

Neuroscience Electives – Students must select three courses below, with at least one course coming from each group

GROUP A:

Item #	Title	Credits
BIO 301	Biochemistry I	4
BIO 320	Pharmacology and Toxicology	3
BIO 321	Animal Development	4
BIO 322	Genetics	4
BIO 331	Cell Biology	4
BIO 401	Advanced Biochemistry and Molecular Biology	4

GROUP B:

Item #	Title	Credits
PSY 350	Learning and Memory	3
PSY 360	Cognitive Psychology	3
PSY 370	Physiological Psychology	3

Neuroscience Core

Item #	Title	Credits
NEU 300	Neuroscience Foundations	3
NEU 310	Biological Basis of Perception and Movement	3
NEU 410	Cognitive Neuroscience	3
NEU 420	Clinical Neuropathology	3

Professional Knowledge and Experience – must total at least 2 credit hours

Item #	Title	Credits
BIO 481	Biology Junior Seminar	1
CHE 481	Junior Seminar	1
BIO 482	Biology Senior Seminar	1
CHE 483	Senior Capstone	1
PSY 485	Seminar in Professional Topics	3

Collaborative Learning and Practice – choose one

Item #	Title	Credits
BIO 495	Biology Internship	2-4
CHE 495	Internship	2-4
Total Credits		58-61