



Neuroscience Major Planning Sheet

Introductory Courses (Required)	Sem.
Pre-requisites	
___ Bio 110 Integrative Biology I (w/Lab)	F
___ Bio 111 Integrative Biology II (w/Lab)	S
___ Psy 101 Intro to Psychology I	F/S
___ Chem 150 Intro to Chemistry (w/Lab)	F/S
___ Chem 240 Organic Chemistry I	F/S
___ Chem 240(L) Organic Chem Lab	F/S
___ Chem – Organic Chem II or III	
___ Physics 102 Elements of Physics I (or Physics 202)	F
___ Physics 103 Elements of Physics II (or Physics 203)	S

Methods and Process Courses	Sem.	Pre-requisites
___ Psy 206 Research Statistics OR Math 115 Statistics (Psy 206 pref.)	F/S	Psych 101
___ Psy 207 Research Methodology	F/S	Psych 101,206

Foundations Courses	Sem.	Pre-requisites
___ Bio 350 Foundations of Neurobiology (+ lab)	F	Bio 110, 111
___ Psy 351 Foundations of Neural Circuits (+ lab)	S	Bio 350

Electives	Sem.	Pre-requisites
Choose 1 of the following Molecular electives:		
___ Bio 216 Molecular Biology	S	Bio 110, 111
___ Chem 280 Biochemistry + Lab	F	Chem 240
Choose 1 of the following Behavior electives:		
___ Bio 222 Human Anatomy & Physiology		Bio 110, 111
___ Bio 285 Animal Behavior	F	Bio 110, 111, or Psych 101
___ Bio 325 Addiction (was Neuropharmacology)	S (alternating yrs)	Bio 110, 111
___ Bio 330 Diseases of the Nervous System	F	Bio 110,111, and 1 200 level Bio
___ Bio 324 Neuroendocrinology	S (alternating yrs)	Bio 110,111, and 1 200 level Bio

Choose 1 of the following Psychology Electives:		
___ Psy 296 Topics in Neuroscience	TBD	Bio 110 or Psy 101 or Psy 102
___ Psy 311 Animal and Human Learning	F (alternating yrs)	Psych 101 and 207
___ Psy 315 Cognitive Neuroscience	F (alternating yrs)	Psych 101 and 207
___ Psy 323 Sensation and Perception	S	Psych 101 and 207

Choose 1 of the following Math/Physics Electives:		
___ Math 118 (Calculus I)		
___ Physics 130 (Programming)		

Research Experience Courses (1 Required)	Sem.	Pre-requisites
___ Psy 400 Research in Neuroscience	TBD	Jr or Sr and permission of inst..
___ Bio/Psy 440 Directed Research	TBD	Permission of instructor
___ Bio/Psy 450 Credit Internship	TBD	Permission of instructor
___ Bio/Psy 490 Senior Honors Thesis	TBD	Permission of instructor

(Or approved research or internship experience. Check with your advisor)