



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	
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 250 Foundations of Neurobiology (lab)	F	Bio 110 or Psych 101
_____ Psy 251 Foundations of Neural Circuits (lab)	S	Bio 110 or Psych 101
Electives (Choose THREE)		
_____ Bio 216 Molecular Biology	S	Bio 110, 111
_____ Bio 222 Human Anatomy & Physiology	S	Bio 110, 111, or Psych 101
_____ 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 (alternating yrs)	Bio 110,111, and 1 200 level Bio
_____ Bio 324 Brains and Behavior	S (alternating yrs)	Bio 110,111, and 1 200 level Bio
_____ Chem 280 Biochemistry + Lab	F	Chem 240
_____ Chem 340 Org. Chem III	S	Chem 240, 240(L) 345 coreq.
_____ Chem 345 Advanced Org. Chem Lab	S	Chem 240, 340 coreq.
_____ 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
Research Experience Courses (1 Required)	Sem.	Pre-requisites
_____ Bio 492 Seminar in Neurobiology	S	Jr or Sr and permission of inst.
_____ 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
Recommended Courses	Sem.	Pre-requisites
_____ Physics 102 Elements of Physics I	F	
_____ Physics 103 Elements of Physics II	S	
_____ Physics 202 Intro to Physics I	F	Math 118 (calculus)
_____ Physics 203 Intro to Physics II	S	Physics 110 or 102