

### Neuroscience and Behavior Major Requirement Checklist

Course	Title	Year Taken	Grade
<b>Foundation Courses</b>			
BIOL 411	Introductory Biology: Molecular and Cellular		
BIOL 412	Introductory Biology: Evolution, Biodiversity and Ecology		
BIOL 528 or PSYC 402	Applied Biostatistics I or Statistics in Psychology		
BMCB 658/659	General Biochemistry/Lab		
CHEM 403	General Chemistry I		
CHEM 404	General Chemistry II		
CHEM 545/546	Organic Chemistry/Lab		
NSB 400	Topics in Neuroscience & Behavior* Only required for 1st year students		
PHYS 401, 402 or 407	Introduction to Physics I (402 recommended)		
<b>Take three of the following Core Courses:</b>			
GEN 604	Principles of Genetics		
PSYC 531	Psychobiology		
PSYC 733 (C)	Drugs and Behavior		
ZOOL 613	Animal Behavior		
ZOOL 777	Neurobiology and Behavior		
<b>Electives - Choose four from the list below</b>			
BIOL 541	General Ecology		
BMCB 605	Eukaryotic Cell and Developmental Biology		
BMS 507/508	Human Anatomy and Physiology. Both courses count for 1 elective.		
BMS 702	Endocrinology		
BMS 711	Toxicology		
BMS 718	Mammalian Physiology		
GEN 706	Human Genetics		
KIN 706/707	Neurology		
MEFB 714 (SML) (C)	Field Animal Behavior		
NSB 727	Animal Communication		
NR 615	Wildlife Habitats		
NR 640 or 741	Wildlife Population Dynamics		
NR 650	Principles of Conservation Biology		
NR 655	Vertebrate Biology		
NR 740	Inventory and Monitoring		
PHIL 630	Neuroscience and Philosophy		
PSYC 511	Sensation and Perception		
PSYC 512	Psychology of Primates		
PSYC 513	Cognition		
PSYC 521	Behavior Analysis		
PSYC 710W (C)	Visual Perception		
PSYC 720W (C)	Animal Cognition		
PSYC 731W (C)	Brain and Behavior		
PSYC 735W (C)	Neurobiology of Mood Disorders		
PSYC 737W (C)	Behavioral Medicine		
PSYC 741W (C)	Behavioral Neuroscience		
PSYC 741W (C)	Addictive Behavior		
PSYC 736 W (C)	Attention Disorders		
PSYC 741W (C)	Cognitive Neuroscience		
ZOOL 625	Animal Physiology (note: 625 and 626 cannot count as two electives)		
ZOOL 626W (C)	Animal Physiology Lab		
ZOOL 690	Evolution		
ZOOL 733 (C)	Behavioral Ecology		
ZOOL 736	Genes and Behavior		
ZOOL 726 (C)	Conservation Behavior		
795/796 or 799 (C)	Independent Study		
<b>Capstone Requirement</b>			
Courses that are typically eligible to fulfill the Capstone requirement are indicated with a (C). You can: 1) designate a course as a Capstone course, with additional requirements as determined by the instructor; 2) complete one semester of Capstone Research (BIOL 795, PSYC 795, or INCO 790; 4 credits); 3) do an honors thesis in Neuroscience (NSB 799H) or Biology or Psychology (BIOL 799 or PSYC 797/799) or; 4) participate in an advanced graduate seminar.			