

BEHAVIORAL NEUROSCIENCE TRACK

REQUIREMENTS for PSYCHOLOGY MAJOR

To earn a BA in Psychology (detail at <http://psychology.as.virginia.edu/undergraduate-handbook>), students must complete 30 credits in PSYC courses, including at least one course from Introductory courses in Groups I, II and III), Research Methods (PSYC 3005 and PSYC3006), 2 courses at the 3000-level or higher (including 1 at the 4000- or 5000-level). The remainder of credits can be completed by enrolling to any other PSYC courses.

INTRODUCTORY / PREREQUISITE COURSES (These may also satisfy the Introductory Course requirements for the Major.):

PSYC 2100 Introduction to Learning and Behavior (Group I) (Williams)
PSYC 2120 Introduction to Human Memory (Group I) (Sederberg)
PSYC 2200 A Survey of the Neural Basis of Behavior (Brunjes/Hill)
(or BIOL 3050 Introduction to Neurobiology) (Group II)
PSYC 2210 Animal Minds (Group II) (Meliza)
PSYC 2220 Principles of Psychobiology (Group II) (Brunjes)

LAB COURSES: At least one is recommended.

PSYC 3210 Psychobiology Laboratory (Team)
PSYC xxx Methods in Behavioral Genetics (Connelly)
PSYC xxx Human Neuroscience/Imaging Lab (Morris)
or 3-4 semesters of PSYC 3590 Psychology Research

SEMINAR COURSES:

PSYC 3215 - Biological Models of Cognition
PSYC 3220 - Neurobiology of Learning and Memory
PSYC 3235 - Introduction to Epigenetics (Connelly)
PSYC 4002 - How Animals Perceive the World: Evolution of Sensory Systems (Meliza)
PSYC 4155 - Autism: From Neurons to Neighborhoods (Jaswal)
PSYC 4200 - Neural Mechanisms of Behavior (Erisir)
PSYC 4250 - Brain Systems Involved in Memory (Williams)
PSYC 4255 - Behavioral Epigenetics (Connelly)
PSYC 4270 - Neurobiology of Learning and Memory
PSYC 4275 - Exploring Neural Codes for Perception and Cognition
PSYC 4580 - Directed Readings in Psychology
PSYC 4755 - Social Neuroscience (Morris)

UPPER LEVEL SEMINARS / GRADUATE COURSES:

These courses require one or more of the 4000 level courses listed above as prerequisites.

- PSYC 5200 Seminar in Psychobiology
- PSYC 5215 Neuroplasticity and Perception/Cognition/Behavior
- PSYC 5220 Critical Period Plasticity
- PSYC 5260 Brain Systems Involved in Learning and Memory
- PSYC 5265 Functional Neuroanatomy**
- PSYC 5324 Research Methods in Human Neuroscience**
- PSYC 5325 Cognitive Neuroscience (Salthouse)**
- PSYC 5326 The Neuroscience of Social Relationships (Coan)
- PSYC 5350 Neurochemical Systems in Learning and Memory
- PSYC 5355 Neurobiology of Speech and Language (Meliza)**
- PSYC 5401 Chemical Senses: Taste and Smell (Hill)
- PSYC 5559 Development of Sensory Systems
- PSYC 5559 Cerebral Cortex (Brunjes)
- PSYC 5559 Topics in Evolutionary Neuroscience (Meliza)
- PSYC 5559 Soc Relations: Neuroscience, Evolution & Ecology (Coan)
- PSYC 5999 The Social Brain in Infancy (Grossmann)
- PSYC 5559 Machine Learning in Neuroscience Research (Sederberg)

RECOMMENDED COURSE SEQUENCE FOR BEHAVIORAL NEUROSCIENCE TRACK

Year 1	Year 2	Year 3	Year 4
PSYC 2200, PSYC2210, PSYC 2220 or BIOL3050 (Group II)			
Group I and III Psychology courses Other College Requirements			
	PSYC3005 and PSYC3006		
	PSYC3235, PSYC3210, PSYC 3215, etc		
	PSYC4200, PSYC4255, PSYC 4275, PSYC 4755, etc		
			PSYC 5265, PSYC 5325, PSYC 5401, etc.
	Behavioral Neuroscience Research		
			Distinguished Majors