# Psychology Major with a Concentration in Behavioral Neuroscience

The concentration in behavioral neuroscience is designed for students with a focused interest in the biological bases of behavior and thought. The concentration is well suited for students that are contemplating professional or research careers in medicine, pharmaceuticals, veterinarian medicine, animal science, neurology and neuroscience. Because BN concentrators have additional laboratory requirements beyond other Psychology majors, students in the BN track earn a Bachelors of Science (BS).

***A***. *Natural Sciences:* **All** of the following two-semester sequences in the natural sciences are required:

 [ ]  BIO 111 and 112 - General Biology

 [ ]  CHE 120 Chemical Principles of Organic Molecules and 140 - Reactions of Organic Molecules

***B****. The Psychology Core:* **All** the following psychology courses are required:

[ ]  PSY 111 and 112 - General Psychology

[ ]  PSY 209 – Statistics & Research Design I

[ ]  PSY 309 – Statistics & Research Design II

[ ]  PSY 399 – Junior Seminar

[ ]  PSY SCE – Psychology Senior Capstone Experience (SCE topic must cover neurological mechanisms governing behavior)

***C****. The Behavioral Neuroscience Core:* The following laboratory courses are required:

 [ ]  PSY 210 – Biopsychology w/ Lab

 [ ]  PSY 410 – Neuroscience Research Methods w/ Lab (PSY 310 – Human Neuropsychology w/

 Lab may be substituted for PSY 410 for students completing both Clinical Counseling and

 Behavioral Neuroscience Concentrations)

***D.*** *Additional Courses:* **Three** of the following courses are required.

 [ ]  PSY 305 – Psychopharmacology w/ Lab

 [ ]  PSY 310 – Human Neuropsychology w/ Lab

 [ ]  PSY 313 – Learning and Applied Behavior Analysis w/ Lab

 [ ]  PSY 316 – Cognitive Neuroscience w/ Lab

 [ ]  PSY 317 – Sensation and Perception w/ Lab

 [ ]  PSY 294/394 – Special Topics in Behavioral Neuroscience

 [ ]  With the advanced approval of the BN advisor, one of the following can be chosen: on-campus or off-campus research; or one upper-level laboratory course in Biology, Chemistry, or Physics.

***E.*** *Fundamental Psychology:* **One** of the following courses is required:

 [ ]  PSY 202 – Lifespan Development

 [ ]  PSY 221 – Social Psychology

 [ ]  PSY 233 – Traditional Psychiatric Disorders

 [ ]  PSY 234 – Medical and Developmental Disorders

 [ ]  PSY 320 – Health Psychology w/ Lab

 [ ]  PSY 333 – Psychological Testing

**NOTE:** Students in the BN concentration are encouraged to take additional 300 and 400-level PSY courses, as well as other upper-level BIO and CHE courses. Those students planning to apply to graduate neuroscience programs, medical, or veterinary schools should also take MAT 201, MAT 202, PHY 111, PHY 112, CHE 220, CHE 309/BIO 409. Such students should consult with the Pre-med advisor and the behavioral neuroscience advisor.