

B.S. Degree in Psychology, Behavioral Neuroscience (BNS) Concentration

The BNS concentration is designed to achieve five outcomes:

Outcome 1: Be familiar with current theory and research in psychology and behavioral neuroscience.

Outcome 2: Have fundamental research design and mathematical/statistical skills needed to understand psychology and behavioral neuroscience.

Outcome 3: Communicate effectively in both written and oral forms.

Outcome 4: Have skills integrating and communicating about psychology and behavioral neuroscience knowledge.

Outcome 5: Have advanced research design, mathematical/statistical, and computing skills needed to critically evaluate and conduct research in a self-selected area of behavioral neuroscience.

General Education: 54-58

Required Substitutions:

Area I: STT 160

Area III: PSY 105

Area VI: PSY 110

Area V: BIO 111, 112, 115 or CHM 121, 122, 123

BNS Core Requirements: 76

Seven PSY core courses: 28

(BNS recommended courses are in **bold**- MUST take PSY 391 plus 4 of 6 recommended)

*At least 2 in Basic Processes: **PSY 321, PSY 361, PSY 371, PSY 391***

*At least 2 in Integration of Basic Processes: **PSY 311, PSY 331, PSY 341, PSY 351***

*At least 1 in Application of Basic Processes: PSY 304, PSY 306, PSY 307, **PSY 309***

PSY 301, 302, 303 12

PSY 402 4

PSY 392 4

PSY 393 4

Two PSY 487 Capstone Courses (BNS relevant *) 8

Four PSY Electives (BNS relevant *) 16

Required Supporting Classes: 11-13

MTH 128 or 129 3-5

CS 141 or 208 4

PSY 401 4

Open Electives: 41-46

Select range of courses. Consider taking an Independent Research course (PSY 498), entering the Honors Program (PSY 489- must apply), or non-PSY courses such as Neuroscience Today (NCB 333) or Introduction to Neurophysiology (P&B 442). Coursework in Organic Chemistry, Biochemistry, and Cell Biology is also recommended.

Total: 187

(* BNS relevant PSY courses are listed on the "Sample Program of Study" as "BNS Electives")