

Neuroscience and Behavior Electives

Updated Summer 2026

For the B.S., you must earn 24 total NSBH Elective Credit

For the B.A., you must earn 21 total NSBH Elective Credit

In both the B.S. and the B.A.:

- At least 9 credits must be from the "Disciplinary Specific Electives", see below
- At least 3 credits must be from the "Integration/Application Electives", see below
- A maximum of 6 credits of undergraduate research with an approved faculty advisor can be applied towards the "Supporting Electives"

Disciplinary Specific Electives – At least 9 of your NSBH elective credits must come from this category.

Cellular Neurobiology	BIOS 30410
Advanced Neurobiology	BIOS 30338
Dev Neuroscience: Exp Dep Plasticity	BIOS 40202
Neuroinfectious Disease	BIOS 40203
Neurobiology of Pain	BIOS 40580
Topics in Physiology	BIOS 40571 (only if taken with Duffield or Patzke)
Fundamental Neuroimmunology	BIOS 30415
Neurobiology of Social Bonds	BIOS 40601
Comput & Mathematical Neurosci	ACMS 40740
Artificial Neural Networks	ACMS 40640
Environmental Exposures	CHEM/NSBH 40301
Neuropharmacology	CHEM/NSBH 40404 OR CHEM 44404
Neuroendocrinology	NSBH 40300
Physics of the Brain	PHYS 40435
Music in the Brain	PSY/NSBH 43230
Auditory Cognition	PSY/NSBH 43359
Mapping the Human Mind	PSY/NSBH 43518
Aesthetics and Creativity	PSY/NSBH 43521
The Sleeping Brain	PSY/NSBH 43526
Neurodegenerative Diseases	PSY/NSBH 43530
Neurodevelopmental disorders	PSY/NSBH 43272
Fundamentals of Autism	PSY 43270
Behavioral Genetics	PSY/NSBH 30510
Sensation perception	PSY/NSBH 30440
Learning and Memory	PSY/NSBH 30430
Cognitive Science of Reading & Dyslexia	PSY 40647
Neuroscience of love, hate, & relationships	NSBH 24230 (only abroad, occasionally)

Integration/Application Electives – At least 3 of your NSBH elective credits must come from this category.

Chemistry in Service of Community	CHEM 30331
Brian Health Comm-Eng Research	CSC/NSBH 45000
Abled in a Disabled World	CSC 33314
Philosophy of Mind	PHIL 43901
Minds, Brains, Persons	PHIL 20208
Mental Health, Catholicism and ND	NSBH 46497
Encounter	NSBH 46497
Brain Ambassadors	NSBH 46497
NEARs Science Workshop	NSBH 45001

Neuroscience of Belonging	NSBH 24220 (only abroad, occasionally)
Clinical Research in Rare Disease	BIOS 40450 OR BIOS 40572
Rare Disease Advocacy and Policy	BIOS 40565 OR BIOS 40451
Embryology	BIOS 30301
The Technoscientific Self	PSY/HHS 30541 OR STV 20255
Intro to EEG	PSY 30529
NSBH research methods	PSY 40451
Dynamics of Survivor	MATH 24213 OR PSY/NSBH 30523
Belonging & the Brain	ESS 30810
Early Childhood Dev & Poverty Alleviation	ESS 33322/GLAF 33102/PS 33322/PSY 30666

Supporting Electives – These are courses that can also contribute to the total NSBH elective credits, with no more than 12 credits from this category allowed towards NSBH major credit.

Human Physiology	BIOS 30344
Human Gross Anatomy	BIOS 40339/40340
Developmental Biology	BIOS 30342
Biology of Stem Cells and Regen Medicine	BIOS 40414
Animal Behavior	BIOS 30407
Behavioral Ecology	BIOS 30413
Intro to Molecular and Med Pharm	BIOS 40436
Developmental Psychology	PSY/NSBH 30200
Cognitive Psychology	PSY/NSBH 30400
Psychopathology	PSY/NSBH 30310
Adolescent Development	PSY/NSBH 30220
Health Psychology	PSY/NSBH 33360
Mental Health and Aging	PSY 43230
Cognitive Development	PSY/NSBH 43250 OR ESS 43261
Psychology of Religion	PSY 43346
Sleep and Health	PSY/NSBH 40361
Resilience Development	PSY/NSBH 43261
One of the following Anth classes:	
Fundamentals of Bio Anthro	ANTH 20201/BIOS 20401
Human Ethology	ANTH 20105 (Hum. Kind Unpl. ANTH 10209)
Human Osteology	ANTH 43100/63100
Advanced Human Ethology	ANTH 43310
Bioarchaeology	ANTH 43101/63101
Primate Behavior & Ecology	ANTH 35110
Evolution/Med Persp Fatherhood	ANTH 40120
Infancy: History, Dev, Evo	ANTH 30190