

BIOPSYCHOLOGY

The Biopsychology major requires a total of 41 semester hours. Courses are divided into two categories: 1) Core Courses with a Required Research Component and 2) Electives. Prerequisite are listed in parentheses behind course titles. Given the interdisciplinary nature of the major, no minor is offered.

Core Courses (22 semester hours)

- BIOL-150 (4) Investigating Biological Concepts.
- BIOL-204 (4) Human Anatomy and Physiology. (BIOL-150 or consent)
- CHEM-140 (4) General Chemistry.
- PSYC-101 (4) Introduction to Psychology.
- PSYC-243 (3) Mind, Brain and Behavior. (PSYC-101)
- PSYC-318 (3) Biopsychology. (PSYC-243 or BIOL-150 and consent)

Required Research Component (Choose one sequence, 10-11 semester hours)

The senior research project, whether taken as BIOL-440/450 or PSYC-420 must be related to biopsychology, as determined by the research mentor and/or the Biopsychology major coordinator.

Biology Sequence (10 semester hours)

- MATH-207 (4) Statistics for the Sciences. (4 yrs of college prep math or MATH-141)
- BIOL-222 (1) Introduction to Research I.
- BIOL-322 (1) Introduction to Research II. (BIOL-222)
- BIOL-440 (2) Research I. (BIOL-322)
- BIOL-450 (2) Research II. (BIOL-440)

or

Psychology Sequence (11 semester hours)

- PSYC-201 (4) Research Methods I: Design and Analysis. (PSYC-101)
- PSYC-202 (4) Research Methods II: Synthesis and Communication. (PSYC-101 and Soph.)
- PSYC-420 (3) Research Seminar. (PSYC-201, 202, Senior and consent)

Electives (At least 1 course from BIOL and 1 from PSYC, 9-11 semester hours)

- BIOL-202 (4) Genetics. (BIOL-150 or consent)
- BIOL-325 (4) Advanced Physiology. (Biol-204)
- BIOL-333 (3) Evolution.
- BIOL-345/PSYC-345 (3) Animal Behavior. (PSYC-101 or BIOL-150)
- CHEM-228 (4) Organic Chemistry I.
- PSYC-239 (3) Health Psychology. (PSYC-101)
- PSYC-303 (3) Drugs and Behavior. (PSYC-243)
- PSYC-320 (3) Cognition. (PSYC-243)
- PSYC-327 (3) Sensation and Perception. (PSYC-243 or consent)

Note:

Students are encouraged to take PSYC-415 *Readings in Psychology* when relevant to biopsychology. Special Topics courses (PSYC-250 or 350, or BIOL-250) may count toward the major as electives, if approved by the program coordinator and pertaining to biopsychology. Students intending to go to graduate school in the Neurosciences are encouraged to also take Organic Chemistry II as an elective.

Sample 4-year Course Plan for Biopsychology Major:

	Fall Semester	Spring Semester
Freshman Year	PSYC-101 ^a BIOL-150 (Offered Fall only)	BIOL elective <u>or</u> PSYC elective
Sophomore Year	PSYC-243 (Offered Fall only) PSYC-201 ^{b,c} or BIOL 222 BIOL-204 (Offered Fall only)	PSYC-202 ^b or BIOL-322 PSYC-318 (Offered Spring only)
Junior Year	CHEM-140 (Offered Fall only)	BIOL elective <u>or</u> PSYC elective BIOL-440 MATH-207 if BIOL sequence
Senior Year	PSYC-420 or BIOL 450	BIOL elective <u>or</u> PSYC elective

Preferable 4-year Course Plan for Biopsychology Major with Off-Campus Study:

	Fall Semester	Spring Semester
Freshman Year	PSYC-101 ^a BIOL-150 (Offered Fall only) CHEM-140, if strong in science (Offered Fall only)	BIOL elective <u>or</u> PSYC elective
Sophomore Year	PSYC-243 (Offered Fall only) PSYC-201 ^{b,c} or BIOL 222 BIOL-204 (Offered Fall only)	PSYC-202 ^b or BIOL-322 PSYC-318 (Offered Spring only) BIOL elective <u>or</u> PSYC elective
Junior Year	Off-Campus Study	BIOL-440 MATH-207 if BIOL sequence
Senior Year	PSYC-420 or BIOL 450 CHEM-140 (Offered Fall only)	BIOL elective <u>or</u> PSYC elective

Notes:

- Psych 101 is a prerequisite for all other PSYC courses.
- The department recommends taking PSYC-201 and 202, during the sophomore year, although the junior year is acceptable also.
- The department also strongly recommends MATH-106 (Elementary Statistics) *prior to* PSYC-201.

Off-Campus study is recommended for the fall of your junior year, but can be scheduled at other times. If you choose to study off-campus, you will want to take PSYC-201 and PSYC-202 your sophomore year.