



Psychobiology

3500 Mountain Blvd., Oakland, CA 94619

DEGREES OFFERED

- Bachelor of Arts in Psychobiology*
- Bachelor Science in Psychobiology*

ABOUT THE MAJOR

Psychobiology at Holy Names University is an interdisciplinary program focused on the study of the relationship between physiological processes and behavior in human beings and other animal species. Psychobiology majors take coursework within the areas of psychology and biology and are typically prepared for a variety of careers including those involving laboratory research and field work. The major prepares students for graduate studies in physiological psychology, animal behavior, and neuroscience. It is also suitable as a preparation for teaching, counseling, and health science fields including medicine.

CURRICULUM

Bachelor of Arts in Psychobiology

Preparation for the Major (31 units)

CHEM 1A & 1B	General Chemistry (5, 5)
CHEM 18 & 18L	Organic Chemistry & Lab (3, 1)
BIOL 1A & 1B	Principles of Biological Science (4, 4)
PSYC 1A & 1B	Fundamentals of Psychology (3, 3)
PSYC 63	Statistical Methods (3)

Major Requirements (34 units)

Biology (16 units)

BIOL 100	Animal Behavior (3)
BIOL 105 & 105L	Developmental Zoology & Lab (3, 2)
BIOL 115 & 115L	Physiology with Lab (3, 2)
BIOL 160	Genetics: Principles (3)

Psychology (15 units)

PSYC 100W	Experimental Psychology (3)
PSYC 120	Learning and Cognition (3)
PSYC 124	Physiological Psychology (3)
PSYC 132	Cognitive Development (3)

plus one of the following:

PSYC 134	Personality and Social Development (3)
PSYC 140	Social Psychology (3)
PSYC 160	Psychology of Personality (3)
PSYC 168	Psychopathology (3)

Senior Seminar (3 units)

PSY 195W	Senior Seminar (3)
or PSY/BIO 198	Senior Thesis/Research (3)

Bachelor Science in Psychobiology

Preparation for the Major (39 units)

CHEM 1A & 1B	General Chemistry (5, 5)
CHEM 18 & 18L	Organic Chem. & Lab (3, 1)
BIOL 1A & 1B	Principles of Biological Science (4, 4)
PHYS 8A	General Physics I & Lab (3, 1)
PHYS 8B	General Physics II & Lab (3, 1)
PSYC 1	Introduction to Psychology (3)
PSYC 20	Introductory Psychology Seminar (3)
PSYC 63	Statistical Methods (3)

Major Requirements (43 units)

Biology & Chemistry (25 units)

BIOL 100	Animal Behavior (3)
BIOL 105 & 105L	Developmental Zoology & Lab (3, 2)
BIOL 115 & 115L	Physiology with Lab (3, 2)
BIOL 160	Genetics: Principles (3)
CHEM 119 & 119L	Organic Chemistry II (3, 1)
CHEM 130 & 130L	Biochemistry (3, 2)

Psychology (15 units)

PSYC 100W	Experimental Psychology (3)
PSYC 120	Learning and Thinking (3)
PSYC 124	Physiological Psychology (3)
PSYC 132	Cognitive Development (3)

plus one of the following:

PSYC 134	Personality and Social Development (3)
PSYC 140	Social Psychology (3)
PSYC 160	Psychology of Personality (3)
PSYC 168	Psychopathology (3)

Senior Seminar (3 units)

PSYC 195W	Senior Seminar (3)
or PSYC/BIOL 198	Senior Thesis/Research (3)

FACULTY

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Scheduled visits to classes and appointments with faculty are encouraged and can be arranged through the Admission Office.

For transfer students, reasonable consideration is given to equating previous coursework with Holy Names University requirements.