

Bachelor of Science in Psychology

The Department of Psychology at the University of Alaska Anchorage offers undergraduate and graduate degree and certificate programs aimed at preparing students: (1) for advanced study in the social and health sciences, and (2) to become members of the behavioral health workforce. The department also maintains the Psychological Services Center, a clinic that provides low-cost mental health services to campus and community members. The department strives to offer degree and certificate programs that meet the needs of the state of Alaska.

Admission Requirements

- Complete the Application and Admission Requirements for Baccalaureate Programs (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).
- Complete the following Admission Requirements for the Bachelor of Science (BS) in Psychology.
 - Students wishing to declare psychology as a major must have earned a minimum GPA of 2.50.

Graduation Requirements

- Complete the General University Requirements for Baccalaureate Degrees (<http://catalog.uaa.alaska.edu/undergraduateprograms/baccalaureaterequirements/>).
- Complete the General Education Requirements for Baccalaureate Degrees (<http://catalog.uaa.alaska.edu/undergraduateprograms/baccalaureaterequirements/gers/>).
- All psychology majors are required to take the exit examination, a standardized test of knowledge of psychology approved by the Department of Psychology. There is no minimum score required for graduation. The exam is taken in the UAA Testing Center, and a fee will be charged to students.
- Complete the following major requirements:
 - All prerequisites for required psychology courses must be completed with a minimum grade of C. Students who audit or are unable to earn a minimum grade of C in a lower-division (100- or 200-level) PSY course may repeat the course two additional times on a space-available basis. Students who audit or wish to repeat an upper-division (300- or 400-level) PSY course may repeat the course one additional time on a space-available basis. Students repeating a course are required to complete all components of that course during the semester in which the course is retaken. When repeating a course with a lecture and laboratory component, both components must be repeated.

Code	Title	Credits
Core Courses		
PSY A111	Introduction to Psychology	3
PSY A150	Lifespan Development	3
PSY A200	Introduction to Behavior Analysis	3

PSY A260	Statistics for Psychology	3
PSY A260L	Statistics for Psychology Lab	1
PSY A261 & A261L	Research Methods in Psychology and Research Methods in Psychology Laboratory	4
PSY A345	Abnormal Psychology	3
PSY A370	Behavioral Neuroscience	3
PSY A375	Social Psychology	3
PSY A468 & A468L	Learning and Behavior and Learning and Behavior Laboratory	4

Psychology Capstone Requirement ¹ 3

Each capstone option is designed to synthesize and apply material from the psychology major. Choice of a capstone should be based, at least in part, on the student's future career plans. Students planning to work in human service jobs following graduation should consider taking PSY A495A. Students planning on graduate work in psychology should consider taking PSY A412, PSY A428, PSY A499A, or PSY A499. Students may elect to take all of these courses as upper-division electives.

PSY A412	History of Psychology
PSY A428	Evolutionary Psychology
PSY A495A	Psychology Practicum
PSY A499A	Developing Psychological Research
PSY A499	Senior Thesis

Psychology Electives 9

Complete an additional 9 credits of upper-division psychology courses.

Writing 3

WRTG A213 Writing and the Sciences

Mathematics and Statistics 6-8

Complete two of the following:

MATH A121	College Algebra for Managerial and Social Sciences
or MATH A151	College Algebra for Calculus
MATH A221	Applied Calculus for Managerial and Social Sciences
SOC A462	Social Science Statistics
STAT A200	Elementary Statistics
STAT A253	Applied Statistics for the Sciences

Biology 7-16

BIOL A102	Introductory Biology
or BIOL A108	Principles and Methods in Biology
Complete at least two of the following courses:	
BIOL A111	Human Anatomy and Physiology I
BIOL A112	Human Anatomy and Physiology II
BIOL A200	Introduction to Complexity
BIOL A240	Introductory Microbiology for Health Sciences

BIOL A242	Fundamentals of Cell Biology
BIOL A252	Principles of Genetics
BIOL A273	Experiential Learning: Ecology and Evolution
BIOL A288	Principles of Evolution
BIOL A311	Experiential Learning: Animal Physiology
BIOL A320	Vertebrate Biology
BIOL A321	Experiential Learning: Vertebrate Biology
BIOL A412	Behavioral Endocrinology
BIOL A413	Neurophysiology
BIOL A414	
BIOL A415	Comparative Animal Physiology
BIOL A417	Applied Kinesiology and Exercise Physiology
BIOL A418	Fish Physiology
BIOL A423	Ichthyology
BIOL A427	Marine Invertebrate Biology
BIOL A430	Marine Mammal Biology
BIOL A441	Animal Behavior
BIOL A442	Experiential Learning: Animal Behavior
BIOL A452	Human Genome
BIOL A455	Experiential Learning: Bioinformatics
BIOL A461	Molecular Biology
BIOL A464	Metals in Biology
BIOL A463	Molecular Biology of Cancer
BIOL A466	
BIOL A467	Wildlife Ecology
BIOL/CHEM A471	Immunology
BIOL A472	Biogeography
BIOL A473	Conservation Biology
BIOL/CHEM A474	Ecotoxicology
BIOL A477	Tundra and Taiga Ecosystems
BIOL A480	
BIOL A481	Marine Biology
BIOL A482	
BIOL A483	Exploration Ecology
BIOL A484	Experiential Learning: Exploration Ecology Field Study
BIOL A486	Evolutionary Ecology
BIOL A487	Comparative Anatomy of Vertebrates
BIOL A489	Population Genetics and Evolutionary Processes

Experimental and Scientific Foundations 6-7

Complete two of the following:

ANTH A205	Biological Anthropology
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ANTH A452	Culture and Human Biodiversity
ANTH A455	Culture and Health
CHEM A103	Introduction to General Chemistry
CHEM A104	Introduction to Organic and Biochemistry
CHEM A105	General Chemistry I
CHEM A106	General Chemistry II
CHEM A321	Organic Chemistry I
CHEM A322	Organic Chemistry II
CHEM A441	Principles of Biochemistry I
CHEM A442	Principles of Biochemistry II
CS A109	Computer Programming (Languages Vary)
ECON A101	Principles of Microeconomics
ECON A102	Principles of Macroeconomics
ECON A333	Experimental Economics
ECON A456	Behavioral Economics
ECON A459	Industrial Organization and Public Policy

Total	64-76
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¹ All of the above psychology capstone courses have rigorous prerequisites. Minimum grades of C in these prerequisites are required for admission into psychology's capstone courses.

A minimum of 120 credits is required for this degree, of which 42 credits must be upper-division.

Concentration in Behavior Analysis

This concentration provides foundational knowledge and professional skills to apply the science of behavior analysis across a range of settings and client populations, including staff in the workplace, children and adults with intellectual and cognitive disabilities, and individuals with autism spectrum disorder. Completing the coursework below, in addition to required supervised practicum experience with a Board Certified Behavior Analyst, helps prepare students to apply for the Behavior Analysis Certification Board examination for becoming a Board Certified Assistant Behavior Analyst. Please go to UAA's Authorization by State (https://www.uaa.alaska.edu/academics/office-of-academic-affairs/provost_office/uaa-state-authorization/authorization.cshtml/) website for information about licensure or certification in a state other than Alaska.

Code	Title	Credits
Concentration requirements:		
PSY A200	Introduction to Behavior Analysis	3
PSY A400	Strategies of Behavior Change	3
PSY A495A	Psychology Practicum	3
Complete a minimum of 6 credits of the following:		6
PSY A447	Behavioral Treatment of Autism Spectrum Disorder	
PSY A455	Interventions for Challenging Behavior	

PSY A467	Organizational Behavior Management
PSY A478	Applications of Behavior Analysis
Total	15

Honors in Psychology

The Department of Psychology recognizes exceptional undergraduate students by awarding them departmental honors in psychology. To graduate with departmental honors, the student must be a declared psychology major and meet the following requirements:

1. Satisfy all requirements for a Bachelor of Arts or Bachelor of Science in Psychology.
2. Maintain an overall and psychology specific GPA of 3.50.
3. Complete one additional 3-credit Psychology Capstone option other than PSY A499.
4. Complete PSY A499. The thesis project must be approved in advance by the Undergraduate Studies Committee and carried out by following applicable departmental guidelines.
5. Students intending to graduate with departmental honors must notify the Departmental Honors Committee in writing on or before the date they file their Application for Graduation with the Office of the Registrar.

Honors Student Learning Outcomes

Students graduating with departmental honors in psychology will possess:

- An advanced understanding and application of descriptive and inferential statistics and use of statistical software in data analysis.
- A broad knowledge of psychology's historical foundation.
- The ability to conduct a critical review and analysis of existing psychological literature.
- The ability to design and execute empirical research that tests clearly stated hypotheses or addresses clearly articulated research questions.
- A clear understanding of research ethics and the responsible conduct of research in the field of psychology.
- The ability to communicate effectively in writing, in poster format, and in oral presentations, including mastery of APA style.
- The ability to draw conclusions from research findings, including recognition of the limitations, applications, and implications of the data, and a discussion of alternative explanations of the results.

Program Student Learning Outcomes

Students graduating with a Bachelor of Science in Psychology will:

- Possess a broad knowledge of contemporary psychology.
- Have experience conducting psychological research.
- Be able to demonstrate skills in research design and data analysis.
- Be prepared for advanced study in psychology and related disciplines.