

Psychology (PSYC)

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Department of Psychological Science Website (<https://fulbright.uark.edu/departments/psychological-science/>)

The Department of Psychological Science offers a major leading to a Bachelor of Arts in psychology. Psychologists are the scientists of human behavior and mental processes. They approach these areas from a variety of perspectives.

Clinical psychologists seek to identify the causes of abnormal behavior and to change these behaviors so their clients can live more satisfying and rewarding lives. Cognitive psychologists are interested in how knowledge and behavior are acquired, retained, and retrieved. Developmental psychologists study physical, cognitive, and social changes that occur throughout an individual's life. Neuroscientists are concerned with the biological bases of behavior. Social psychologists investigate Social psychologists study our thoughts and feelings about ourselves and other people. Each of these perspectives is represented by members of the faculty in the Fulbright College Department of Psychological Science.

The Department of Psychological Science is one of the largest and most productive departments in the university in many ways. Our faculty members are active researchers who bring their scientific excitement and curiosity into the classroom. In addition the faculty is deeply committed to providing individualized training to our students, which is accomplished through experience in a faculty member's lab, or perhaps doing an honors project. We are one of the largest undergraduate majors, and our graduates pursue graduate training in many areas, including counseling, psychology, business, law, and medicine. Other graduates enter the workforce in diverse areas, including human and social services, business, banking, and non-profit organizations.

For requirements for advanced degrees in psychology, see the *Graduate School Catalog*.

Requirements for a Bachelor of Arts in Psychology

The following credit hour requirements must be met (see Degree Completion Program Policy (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsciences/>) for additional information).

State minimum core (<https://catalog.uark.edu/undergraduatecatalog/gened/stateminimum/>) requirements may vary by individual, based on placement and previous course credit earned. Once all core requirements are met, students may substitute with general electives in consultation with their academic advisor. **Bolded** courses from the course list below may be applied to portions of the State Minimum Core (<https://catalog.uark.edu/undergraduatecatalog/gened/stateminimum/>) requirements.

State Minimum Core	35
World Language or Culture Requirement	3-6

Completion of a world language course at the Elementary II level or higher OR 6 hours of world culture courses from a single culture from the approved catalog of studies in the African and African-American studies major, Asian studies major, Indigenous studies minor, Latin American and Latino studies major, or Middle East studies major. Alternatively, students may take 6 hours of Classical Studies (CLST) courses.

PHIL 20003	Introduction to Philosophy	3
or PHIL 21003	Introduction to Ethics (ACTS Equivalency = PHIL 1003)	
PSYC 20003	General Psychology (ACTS Equivalency = PSYC 1103)¹	3
PSYC 21201	Careers in Psychology ¹	1
PSYC 20103	Introduction to Statistics for Psychologists ¹	3
PSYC 30703	Research Methods ¹	3
Select one from the following:		3
PSYC 40803	Advanced Research ¹	
PSYC 42803	Advanced Seminar ¹	
12 hours of additional Psychology courses (PSYC) numbered 30000 level, including no more than 3 hours of PSYC 3810V. ¹		12
9 hours of additional Psychology courses (PSYC) numbered 40000 level, including no more than 3 hours of PSYC 4810V or PSYC 499HV ¹		9
Any UA-Fayetteville credit hours numbered at the 30000-level or higher		3
Any credit hours numbered at the 30000-level or higher, or any 20000-level credit hours that have a course prerequisite		6
General Electives		36-33
Total Hours		120

¹ A grade of "C" or better is required in all psychology (PSYC) courses used to satisfy the 34 hours of required psychology courses. In addition, a 2.00 cumulative grade-point average is required on all work completed in the Department of Psychology.

Students who want to pursue graduate training in psychology are advised to begin preparations early in their undergraduate careers. Grade-point average, scores on the Graduate Record Examinations, effective communications skills, preparation in the natural sciences and mathematics, and research experience (e.g., honors project, directed readings, laboratory experience) are the major criteria considered by admissions committees. To gain this research experience students are strongly encouraged to take the advanced research course, PSYC 40803.

Students with applied, paraprofessional, or human-service interests who plan to enter the job market with a B.A. in psychology are strongly encouraged to take relevant courses in other areas of interest, including, but not limited to, anthropology, sociology, social work, human development and family studies, education, and business administration.

Students interested in business applications of psychology (e.g., marketing, management) are similarly encouraged to take related courses in the Sam M. Walton College of Business; minors are also available in several areas of business. For more information concerning psychology as a major or careers in psychology and related fields, please contact the Psychology Undergraduate Coordinator, Memorial Hall, room 203.

Writing Requirement: Students majoring in psychology will satisfy the Fulbright College writing requirement by successful completion (a

grade of at least a "C") in either PSYC 40803 or PSYC 42803, each of which requires a final research paper written in American Psychological Association style.

Psychology B.A. Eight-Semester Degree Program

Eight-Semester Degree Plan for a Bachelor of Arts in Psychology

Students enrolling in the eight-semester degree plan should review the Eight-Semester Degree Completion Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>).

First Year	Units	
	Fall	Spring
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3	
Choose 1 (Satisfies General Education Outcome 2.1): 1	3	
MATH 11003 College Algebra (ACTS Equivalency = MATH 1103)		
MATH 11103 Quantitative Reasoning (ACTS Equivalency = MATH 1113)		
Or any MATH course higher than MATH 11003		
PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103)	3	
World language at the Elementary I level or higher (depending on placement in sequence) or World Culture	3	
General Elective ¹	4	
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
PSYC 20103 Introduction to Statistics for Psychologists		3
Science State Minimum Core Lecture with Corequisite Lab requirement (Satisfies General Education Outcome 3.4)		4
World language at the Elementary II level or higher or World Culture		3
Social Science State Minimum Core (Satisfies General Education Outcome 3.3)		3
Year Total:	16	16

Second Year	Units	
	Fall	Spring
PSYC Course Numbered 3000 level	3	
PSYC 30703 Research Methods	3	
Satisfies General Education Outcomes 3.2 and 5.1:		
PHIL 20003 Introduction to Philosophy or PHIL 21003 Introduction to Ethics (ACTS Equivalency = PHIL 1003)	3	
State Core Fine Arts or U.S. History/Government requirement (Satisfies General Education Outcome 3.1 or 4.2)	3	

State Minimum Core Social Sciences requirement (Select a course which satisfies General Education Outcomes 3.3 and 4.1)	3	
PSYC 21201 Careers in Psychology	1	
PSYC Course Numbered 3000 level		3
PSYC Course Numbered 3000 level		3
State Minimum Core U.S. History/Government or Fine Arts requirement (as needed) (Satisfies General Education Outcome 4.2 or 3.1)		3
General Electives ¹		6
Year Total:	16	15

Third Year	Units	
	Fall	Spring
PSYC Course Numbered 3000 level	3	
Science State Minimum Core Lecture with Corequisite Lab requirement (Satisfies General Education Outcome 3.4)	4	
Any UA-Fayetteville credit hours numbered at the 3000-level or higher	3	
Any 3000-level or higher credit hours or any 2000-level credit hours which have a course prerequisite	3	
General Electives ¹	3	
PSYC Course Numbered 4000 level		3
Any 3000-level or higher credit hours or any 2000-level credit hours which have a course prerequisite		3
General Electives ¹		9
Year Total:	16	15

Fourth Year	Units	
	Fall	Spring
Select one of the following (Satisfies General Education Outcomes 1.2 and 6.1) :	3	
PSYC 40803 Advanced Research or PSYC 42803 Advanced Seminar		
PSYC Course Numbered 4000 level	3	
General Electives ¹	9	
PSYC Course Numbered 4000 level		3
General Electives ¹		8
Year Total:	15	11

Total Units in Sequence: 120

¹ State minimum core requirements may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute with general electives in consultation with their academic advisor. (if needed; otherwise, enroll in general electives)

Requirements for a Minor in Psychology

Minimum of 18 hours in psychology including:

PSYC 20003	General Psychology (ACTS Equivalency = PSYC 1103)	3
PSYC 21703	Research Literacy in Psychological Science	3
PSYC Electives		12

A maximum of three hours of PSYC 2060V and/or PSYC 2070V can be counted toward meeting the minor requirement.

Total Hours 18

A grade of "C" or better is required in all psychology courses used to satisfy the 18 hours of the minor. In addition, a 2.00 cumulative grade-point average is required on all work completed in the Department of Psychology. Students must consult with, and obtain the signature of, the Director of Undergraduate Studies in the department in order to declare a minor.

Requirements for Graduation with Honors in Psychology: Both the College and the Departmental Honors Program in Psychology provide undergraduate students with an opportunity to formally participate in scholarly psychology activities. Honors candidates carry out independent study and research under the guidance of the Psychological Science faculty and participate in special honors classes, seminars, and colloquia. Admission to the Fulbright College Honors Program is open to psychology majors with a minimum, cumulative grade point average of 3.5 in all coursework. Honors candidates must complete a minimum of 12 hours of honors courses, which may include up to 6 hours of thesis. In addition to satisfying the general college honors requirements, honors candidates in psychology are required to complete and orally defend an honors thesis based upon the independent study carried out in PSYC 499HV. To complete the required thesis successfully, students should choose an honors adviser as early as possible. An adviser should be selected, and an Honors Agreement completed, no later than the first semester in a student's junior year. Students must register for, and complete, a minimum of 6 hours of PSYC 499HV. PSYC 499HV may be taken for 1 to 6 hours of credit each semester and repeated for a maximum of 12 hours. Nine hours are ordinarily needed to complete the research project and to prepare the honors thesis.

College honors candidates must meet the college's requirements for an honors degree. Departmental honors candidates in psychology are encouraged to enroll in as many honors classes, seminars, and colloquia as possible, or as required by the honors program in which they are enrolled. Students graduating with honors typically graduate *cum laude*. Higher degree distinctions (*magna cum laude*, *summa cum laude*) are awarded by the Honors Council, recommended only in truly exceptional cases, and are based upon the whole of the candidate's program of honors studies.

Psychology (B.A.) Teacher Licensure in Social Studies Requirements:

Please refer to the Secondary Education Requirements (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsciences/#fieldsofstudytext>) for Fulbright College Students.

Students wanting to teach social studies in middle school should consult with a middle level adviser in the College of Education and Health Professions.

Faculty

Alwood, Nancy D., Ph.D., M.S. (University of Arkansas), Instructor, 2012.
Behrend, Douglas A., Ph.D. (University of Minnesota), B.A. (Kalamazoo College), Professor, 1989, 2009.
Beike, Denise R., Ph.D., B.A. (Indiana University), Professor, 1995, 2010.
Bridges, Ana Julia, Ph.D. (University of Rhode Island), M.S. (Illinois State University), B.S. (University of Illinois-Urbana-Champaign), Professor, 2007, 2019.

Brown, Mitchell J., Ph.D. (University of Southern Mississippi), M.A. (University of Dayton), B.A. (Lake Erie College), Instructor, 2022.
Cavell, Timothy A., Ph.D. (Louisiana State University), M.S. (Texas A&M University), B.A. (Louisiana State University), Professor, 2002.
Chapman, Kate M., Ph.D., M.S. (Penn State University), B.A. (New Florida College), Teaching Assistant Professor, 2016.
Ditzfeld, Christopher, M.S. (University of Oklahoma), Instructor, 2011.
Dopp, Alex R., Ph.D., M.A. (University of Missouri), B.A. (University of Michigan), Assistant Professor, 2016.
Eidelman, Scott H., Ph.D. (University of Kansas), B.A. (University of Wisconsin-Madison), Associate Professor, 2008, 2013.
Feldner, Matthew T., Ph.D. (University of Vermont), M.A. (West Virginia University), B.S. (University of Wisconsin-Stevens Point), Professor, 2005, 2015.
Forscher, Patrick, Ph.D. (University of Wisconsin), B.A. (Macalester College), Assistant Professor, 2017.
Ham-Holm, Lindsay S., Ph.D., M.A., B.A. (University of Nebraska-Lincoln), Associate Professor, 2007, 2012.
Holm, Jeremy, M.A., B.S. (University of Nebraska), Instructor, 2008.
Judah, Matt, Ph.D., M.S. (Oklahoma State University), B.A. (Ozark Christian College), Assistant Professor, 2020.
Lamm, Connie, Ph.D., M.A. (University of Toronto, Canada), B.A. (University of Waterloo), Assistant Professor, 2016.
Lampinen, James Michael, Ph.D., M.S. (Northwestern University), B.S. (Elmhurst College), Distinguished Professor, 1998, 2016.
Leen-Feldner, Ellen Winifred, Ph.D. (University of Vermont), M.A. (West Virginia University), B.A. (University of Notre Dame), Professor, 2005, 2017.
Leong, Josiah, Ph.D. (Stanford University), B.A. (University of California, Berkeley), Assistant Professor, 2020.
Levine, William H., Ph.D., M.S. (State University of New York at Binghamton), B.S. (DePaul University), Associate Professor, 2001, 2007.
Makhanova, Anatasia, Ph.D. (Florida State University), B.A. (Hendrix College), Assistant Professor, 2019.
Parks, Nathan A., Ph.D., M.S. (Georgia Institute of Technology), B.A. (University of Virginia), Assistant Professor, 2012.
Quetsch, Lauren, Ph.D., M.S. (West Virginia University), B.A. (Georgetown University), Assistant Professor, 2019.
Shields, Grant, Ph.D., M.A. (University of California, Davis), B.A. (Simpson College), Assistant Professor, 2020.
Vargas, Ivan, Ph.D. (University of Michigan), B.S. (Notre Dame University), Assistant Professor, 2019.
Veilleux, Jennifer Celene, Ph.D., M.A. (University of Illinois at Chicago), B.A. (Macalaster College), Associate Professor, 2011, 2017.
Zabelina, Darya, Ph.D. (Northwestern University), Assistant Professor, 2017.
Zamboanga, Byron L., Ph.D., M.A. (University of Nebraska), B.A. (University of California, Berkeley), Professor, 2020.
Zies, Brenda June, Ph.D., M.A. (University of Arkansas), B.S. (East Texas State University), Teaching Assistant Professor, 2005.

Courses

PSYC 20003. General Psychology (ACTS Equivalency = PSYC 1103). 3 Hours.
 An introduction to the field of Psychology, including the investigation of the biological bases of behavior; learning and cognitive processes; developmental and social psychology; and personality, psychopathology, and the treatment of psychological disorders. Students will be expected to complete a research requirement. (Typically offered: Fall, Spring and Summer)

PSYC 200H3. Honors General Psychology. 3 Hours.

An introduction to the field of Psychology, including the investigation of the biological bases of behavior; learning and cognitive processes; developmental and social psychology; and personality, psychopathology, and the treatment of psychological disorders. Students will be expected to complete a research requirement. (Typically offered: Fall and Spring)

PSYC 20103. Introduction to Statistics for Psychologists. 3 Hours.

Introduction to the descriptive and inferential statistics commonly used by psychologists. A grade of C or better in PSYC 20103 is required as a prerequisite for PSYC 30703. Corequisite: Drill component. Prerequisite: (PSYC 20003 and (MATH 11003 or MATH 11103 or higher) each with a grade of C or better, and must be a Psychology major. (Typically offered: Fall, Spring and Summer)

PSYC 20403. The Psychology of Health and Well-being. 3 Hours.

Introduces students to the application of psychological science to healthy, meaningful living across the age span. Explores key research findings related to issues in modern living, including social connections, emotional adjustment, romantic relationships, parenting and schooling, family life, and work life. Prerequisite: PSYC 20003. (Typically offered: Spring)

PSYC 21201. Careers in Psychology. 1 Hour.

Introduction to the knowledge and skill set needed for psychology majors to succeed in the major and to select and subsequently pursue a career path in psychology and related disciplines. Prerequisite: PSYC 20003 with a grade of C or better and must be a Psychology major. (Typically offered: Fall and Spring)

PSYC 21703. Research Literacy in Psychological Science. 3 Hours.

Training in critical evaluation of research in psychological science, including understanding statistics and research methods used by psychologists. Prerequisite: PSYC 20003 and a psychology minor. (Typically offered: Fall and Spring)

PSYC 2810V. Laboratory Experience for Non-Majors. 1-4 Hour.

Laboratory experience in psychology for non-majors obtained by working as part of a faculty member's research team. Prerequisite: Instructor's permission. (Typically offered: Fall, Spring and Summer) May be repeated for up to 12 hours of degree credit.

PSYC 30103. Social Psychology. 3 Hours.

Theories and representative research in social psychology, emphasizing the influence of the social world on human behavior. Introduction to the problems, theories, and experiments of social psychology. Prerequisite: PSYC 20003. (Typically offered: Fall and Spring)

PSYC 30203. Psychopathology. 3 Hours.

Describes the current classification of symptoms of psychopathology (e.g., mental disorders). Methods of studying psychopathology, theories of psychopathology, and empirically supported treatment approaches are covered. Prerequisite: PSYC 20003. (Typically offered: Fall, Spring and Summer)

PSYC 30303. Psychotherapy & Behavior Change. 3 Hours.

Describes the major approaches to psychotherapy (e.g., psychodynamic, humanistic, behavioral, cognitive-behavioral) and theories of behavior change (e.g., theory of planned behavior). Barriers and motivators of behavior change will be explored experientially. Prerequisite: PSYC 20003. (Typically offered: Fall, Spring and Summer)

PSYC 30503. Psychology of Personality. 3 Hours.

Describes the definition and conceptualization of personality within psychology. Includes both historical (e.g., Freud, Jung) and more modern (e.g., Big Five traits) approaches, along with more specific domains of personality functioning (e.g., cultural identity, interpersonal relationships, emotion, motivation, cognitive schemas). (Typically offered: Fall, Spring and Summer)

PSYC 30603. Psychology of Diversity. 3 Hours.

Introduction to the psychology of diversity, including historical perspectives, biological and social bases of bias, individual differences, social identity, intergroup interactions, and power and privilege. Prerequisite: PSYC 20003. (Typically offered: Fall Even Years)

PSYC 30703. Research Methods. 3 Hours.

Training in execution and interpretation of experiments using the classical experimental designs. Limited enrollment. Prerequisite: PSYC 20103 with a grade of "C" or better and a psychology major. (Typically offered: Fall and Spring)

PSYC 30903. Developmental Psychology (ACTS Equivalency = PSYC 2103). 3 Hours.

Theories and representative research in the psychological factors influencing development, including both hereditary and environmental influences, from conception through adolescence. Prerequisite: PSYC 20003. (Typically offered: Fall and Spring)

PSYC 31003. Cognitive Psychology. 3 Hours.

Introduction to theories and research in cognition including memory, language, and problem-solving. Prerequisite: PSYC 20003. (Typically offered: Spring)

PSYC 31703. Biopsychology. 3 Hours.

An introduction to the biological basis of behavior. Lectures cover current research about the neural correlates underlying sensory, motor, cognitive, and emotional processes. Prerequisite: PSYC 20003. (Typically offered: Spring)

PSYC 3810V. Introductory Laboratory Experience for Majors. 1-4 Hour.

Introductory laboratory experience for psychology majors working as part of a faculty member's research team. Designed for students enrolling in their first semester of laboratory experience with any instructor in the department. Prerequisite: Instructor Permission. (Typically offered: Fall, Spring and Summer) May be repeated for up to 12 hours of degree credit.

PSYC 392H3. Honors Colloquium. 3 Hours.

Treats a special topic or issue, offered as part of the honors program. May be repeated when the content is changed. Prerequisite: honors candidacy (not restricted to candidacy in psychology). (Typically offered: Irregular) May be repeated for degree credit.

PSYC 40103. Special Topics in Social Psychology. 3 Hours.

Readings and discussion in a specialized topic in social psychology. Prerequisite: PSYC 30103 with a grade of C or better and an additional 6 hours of psychology courses not including PSYC 20003. Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

PSYC 40203. Special Topics in Psychopathology. 3 Hours.

Readings and discussion in a specialized topic in psychopathology. Prerequisite: PSYC 30203 with a grade of C or better and an additional 6 hours of psychology courses not including PSYC 20003. Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

PSYC 40303. Educational Psychology. 3 Hours.

Psychological theories and concepts applied to the educational process. Investigates the learner and instructional variables in a wide range of educational settings. Prerequisite: Six hours of psychology, not including PSYC 20103. (Typically offered: Irregular)

PSYC 40503. Psychological Tests. 3 Hours.

Nature and theory of individual and group tests of intelligence, personality, interests, and attitudes. Prerequisite: PSYC 20103 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular)

PSYC 40703. Psychology of Learning. 3 Hours.

Theories and representative research on basic principles of learning and memory in both animals and humans. Prerequisite: Nine hours of psychology, not including PSYC 20003, and Junior Standing. (Typically offered: Spring)

PSYC 40803. Advanced Research. 3 Hours.

A lecture/laboratory course covering research in a specialized area of psychology. Provides experience with design, conduct, analysis, and presentation of research projects related to class topics. Successful completion of the class, including a formal paper in APA style, with a grade of C or better will fulfill the senior writing requirement. Prerequisite: Eighteen hours of psychology including a grade of at least a C in PSYC 30703 and senior standing. (Typically offered: Fall and Spring)

PSYC 4090V. Advanced Independent Readings and Research. 1-3 Hour.

Advanced independent readings and research with a specific faculty mentor; used in special circumstances only. Prerequisite: Senior Standing and Instructor's and Department Chair's permission. (Typically offered: Irregular)

PSYC 41003. Special Topics in Cognitive Psychology. 3 Hours.

Readings and discussion in a specialized topic in cognitive psychology. Prerequisite: PSYC 31003 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003 and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

PSYC 41203. Perception. 3 Hours.

Explores the fundamental principles of human perception and examines how we interpret sensory information from our environment. Topics include physiological mechanisms of sensation and neurological processes required for perception. Emphasis is placed on the visual and auditory systems, with some exploration of other sensory modalities. Prerequisite: PSYC 31703 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular)

PSYC 41303. Special Topics in Psychotherapy and Behavior Change. 3 Hours.

Readings and discussion in a specialized topic in psychotherapy and behavioral change. Prerequisite: PSYC 30303 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

PSYC 41403. History and Systems of Psychology. 3 Hours.

Examination of the concepts, methods, and systems which have contributed to the development of modern psychology. Prerequisite: Fifteen hours of psychology and senior standing. (Typically offered: Irregular)

PSYC 41503. Special Topics in Psychology of Personality. 3 Hours.

Readings and discussion in a specialized topic in psychology of personality. Prerequisite: PSYC 30503 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

PSYC 41603. Special Topics in the Psychology of Diversity. 3 Hours.

Readings and discussion in a specialized topic in psychology of diversity. Prerequisite: PSYC 30603 with a grade of C or better and an additional 6 hours of psychology courses not including PSYC 20003. Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

PSYC 41703. Special Topics in Biopsychology. 3 Hours.

Readings and discussion in a specialized topic in biopsychology. Prerequisite: PSYC 31703 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

PSYC 41803. Behavioral Neuroscience. 3 Hours.

Examination of the biological basis of behavior. Surveys the anatomy, physiology, and pharmacology of the mammalian brain and examines brain mechanisms underlying a wide range of behaviors and cognitive processes. Prerequisite: PSYC 31703 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Fall and Spring)

PSYC 41903. Comparative Psychology. 3 Hours.

Analysis of animal cognition and behavior from an evolutionary perspective, with emphasis on the role of the environment and interactions with other species in shaping the evolution of cognition and behavior within a species, and the evolution of differences between species and between humans and nonhumans. Prerequisite: PSYC 31003 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Fall and Spring)

PSYC 42803. Advanced Seminar. 3 Hours.

A seminar/discussion class covering research in specialized areas of psychology. Students will read original sources and present their ideas and conclusions several formats. Successful completion of the class, including a formal paper in APA style, with a grade of C or better will fulfill the senior writing requirement. Prerequisite: Eighteen hours of psychology including a grade of at least a C in PSYC 30703; senior standing. (Typically offered: Fall and Spring)

PSYC 42903. Special Topics in Developmental Psychology. 3 Hours.

Readings and discussion in a specialized topic in developmental psychology. Prerequisite: PSYC 30903 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

PSYC 44303. Philosophy of Psychology. 3 Hours.

Explores philosophical issues concerning the domain, foundations and methodology of psychology, and the relation of psychological explanations to other scientific and philosophical investigations of the mind. Topics include cognitive architecture and the evolution of minds, extended or embodied cognition, perception and introspection, consciousness and attention, social cognition, thought and language. (Typically offered: Irregular)

PSYC 4810V. Advanced Laboratory Experience for Majors. 1-4 Hour.

Advanced laboratory experience for psychology majors working as part of a faculty member's research team. This course is designed for students continuing in a laboratory experience with an instructor they have already worked with in the department. Prerequisite: Instructor permission. (Typically offered: Fall, Spring and Summer) May be repeated for up to 12 hours of degree credit.

PSYC 499HV. Honors Thesis Research. 1-6 Hour.

Honors research experience for majors obtained by working on honors thesis research with a faculty member. Prerequisite: Junior standing, instructor's permission and honors standing. (Typically offered: Fall, Spring and Summer) May be repeated for up to 12 hours of degree credit.