

DEPARTMENT OF PSYCHOLOGY

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The mission of the department is to be excellent in teaching, scholarship, and service. The department applies psychological knowledge, skills, and tools to further human welfare and to produce well-trained students. The Psychology Department continuously assesses the quality of its efforts and uses the data to make improvements in the program.

The department offers courses that serve three principal purposes: to help students understand themselves and others by studying factors influencing human behavior, to introduce students to the essentials of the scientific method as applied to behavioral research, and to provide a background for students intending to do graduate study in psychology or an allied field.

Major in Psychology

Minimum requirements for a psychology major are 34 hours of psychology (16 hours must be in residence) as specified below with a grade of C or greater in all psychology courses counted toward the major. Students pursuing a professional career in psychology are advised that the master's degree is the minimum training necessary. Prospective psychology majors, regardless of whether they plan to go to graduate school, should select courses with early and continuing advice from the department faculty. It is important that students plan their program of courses carefully. A wide range of courses is recommended as preparation for the requirements of different schools.

PSYC 3369, 3469, 4221, 4321, and 4495 are suggested to upper-level pre-professional majors. They provide experience in the actual work done by professional psychologists in ways not possible in lecture courses and are valuable credentials in application to graduate school. A maximum of six hours of these courses can be applied toward the major.

Bachelor of Arts in Psychology¹

Core Requirements (44 hours)²

Second Language Proficiency³

Required Courses in Psychology (13 hours)

PSYC 2300 Psychology and the Human Experience
PSYC 2340 Statistics and Methods I
PSYC 3341 Research Methods I
PSYC 3342 Statistics and Methods II
PSYC 3320 Introduction to Applied Psychology
PSYC 4100 Senior Synthesis

One course from the following (3 hours)

PSYC 3360 Abnormal Psychology
PSYC 3356 Developmental Psychology
PSYC 3330 Health Psychology
PSYC 3350 Social Psychology

One course from the following (3 hours)

PSYC 4320 Physiological Psychology
PSYC 3305 Sensation-Perception
PSYC 3380 Cognitive Psychology

1. A grade of C or greater is required in all PSYC courses counted for the major.
2. See "Core Requirements for Bachelor Degrees" in the Policy section.
3. See "Second Language Requirement."

PSYC 4330 Learning and Memory

One course from the following (3 hours)

PSYC 3370 Industrial Psychology
PSYC 4325 Personnel Psychology
PSYC 3375 Psychology of Consumer Behavior
PSYC 4380 Human Factors Psychology
PSYC 4363 Organizational Psychology

Psychology Electives (9 upper-level hours)

Minors in Psychology

The department offers three minors serving different objectives. Students may not major and minor in psychology. All three minors require 18 hours, including PSYC 2300. For all minors, a maximum of three hours of independent study, internship, or practicum may be applied to the required hours. Students should be advised that it may take two years to complete a minor since some courses may be offered only every other year.

One choice would be a minor in industrial psychology, for which the remaining 15 hours would be chosen from the following seven courses: applied psychology, personnel psychology, industrial psychology, organizational psychology, human factors psychology, psychology of consumer behavior, psychological tests, and the statistics course (PSYC 2340). A student may substitute a business or mathematics statistics course for psychological statistics. The minor in industrial psychology is designed to complement a variety of majors, including management, marketing, advertising/public relations, communication, education, sociology, and political science.

A second choice is a minor in developmental psychology, for which the remaining 15 hours would consist of the following courses: developmental, social and personality development, infancy, psychological disorders of childhood, and adolescence.

Finally, a minor in general psychology would involve an additional 15 hours selected from any upper-level courses. It is flexible enough to permit the student to structure a program to meet personal needs and wishes.

Psi Chi Chapter

Membership in the UALR Chapter of Psi Chi, the National Honor Society in Psychology, is available to students interested in psychology as a topic or as a profession, and who meet the membership requirements. Requirements are:

1. Declaring a major or minor in psychology, or completing three semesters of college courses and nine semester hours of psychology courses
2. Having an overall cumulative GPA of 3.00, a minimum GPA of 3.00 in psychology courses, and a rank in the upper 35 percent of the class (undergraduates)

Courses in Psychology (PSYC)

PSYC 2300 Psychology and the Human Experience

Prerequisite: RHET 1311. Focuses on development of the individual in the context of physical and social environments. Topics include the scientific method and its application to the study of the individual, the relationship between brain and behavior, social and personality development, theories of motivation, maladaptive behavior, social cognition and interaction, and the effects of membership in different groups. Students learn through writing, reading, discussing, listening, and participating in critical thinking and problem-solving activities. Three credit hours.

PSYC 2310 General Psychological Statistics

Prerequisite: MATH 1302 or 1315 or equivalent. A general survey of statistical methods in psychology, including descriptive and inferential techniques. Emphasis on application and interpretation of the statistical procedures. Course does not fulfill requirement for psychology majors, or count toward the minimum of 31 hours of psychology courses for majors. May be useful in preparation for required statistics courses. Accepted by some majors. See program advisor for information. Three credit hours.

PSYC 2340 Statistics and Methods I

Prerequisite: MATH 1302 or 1315 or equivalent. A study of descriptive research techniques. Emphasis on design and statistical analysis of descriptive experimentation. Topics include central tendency and dispersion, probability theory, frequency distributions, percentiles, correlation and regression. Three credit hours.

PSYC 3305 Sensation-Perception

Prerequisite: PSYC 2300. Study of the perception external events and sensory processes underlying that perception. Three credit hours.

PSYC 3308 Urban Environmental Psychology

Prerequisite: PSYC 2300. Study of the effects of physical environments on individuals. Topics include individual perceptions of local environments, pollution, and energy costs; individual privacy needs versus crowding; unique environments, such as wilderness, museums, and zoos; and the design of more livable homes. Three credit hours.

PSYC 3310 Motivation and Emotion

Prerequisite: PSYC 2300. Detailed coverage of important forms of human motivation and cursory treatment of emotions. Three credit hours.

PSYC 3320 Introduction to Applied Psychology

Prerequisite: PSYC 2300. An introduction to the application of psychology to a variety of problems concerning mental and physical health, communication, motivation, the use of tests and other psychological techniques in industry and government, social engineering, environmental issues, and the legal system. Also covers careers in psychology, their educational requirements, and career planning. Three credit hours.

PSYC 3330 Health Psychology

Prerequisite: PSYC 2300. A study of the inter-relationship between psychology and health. Topics include research regarding the mind-body connection, the causes of stress and how stress impacts health, behavioral contributions to an individual's or community's health status, and the ways in which health is being re-conceptualized. Three credit hours.

PSYC 3340 Meditation Techniques

Theoretical framework for understanding the meditation experience, namely, Jung's depth psychology, yoga psychology, and Buddhist psychology; training in specific meditation techniques of various religious traditions, including Hatha Yoga, Zen, and the Silence, as well as the self-analysis of dreams. Cross-listed as RELS 3340. Three credit hours.

PSYC 3341 Research Methods I

Prerequisite: PSYC 2340 with grade of "C" or better. This course is designed as a survey of methods used in psychological research with equal treatment given to quasi experimental and experimental designs. Topics will include experiments, survey research, qualitative field research and unobtrusive research with an emphasis on the purposes, strengths and weaknesses of each. This course is required for psychology majors entering Fall 2010. Three credit hours.

PSYC 3342 Statistics and Methods II

Prerequisite: PSYC 2340 with a "C" or better. A study of inferential research techniques, with an emphasis on the design and statistical analysis of controlled experimental procedures. Topics include sampling procedures and distributions, hypothesis testing, within and between subjects designs, tests of the difference between two means, and one-way and factorial analyses of variance. Three credit hours.

PSYC 3350 Social Psychology

Prerequisite: PSYC 2300. An introduction of theories, research, and problems regarding interrelationships of social structure, interpersonal interaction, and behavior of individuals. Topics include human aggression, prejudice, attraction, persuasion, self-perception, and conformity. Three credit hours.

PSYC 3356 Developmental Psychology

Prerequisite: PSYC 2300. Development of the individual from conception through adolescence. Topics include prenatal, intellectual, emotional, social, and personality development. Three credit hours.

PSYC 3357 Infancy

Prerequisite: PSYC 2300, 3356, or consent of the instructor. Theory and research on the psychological development of infants. Topics include sensory and perceptual development, intellectual development, social and emotional development, and physical development during the first two years of life. Three credit hours.

PSYC 3358 Adolescent Psychology

Prerequisite: PSYC 2300, 3356, or consent of instructor. Theory and research on the psychological development of adolescents; physical, social, personality, and intellectual development during adolescence; major theories concerning adolescence. Three credit hours.

PSYC 3360 Abnormal Psychology

Prerequisite: PSYC 2300. The causes, symptoms, and treatment of abnormalities in human behavior. Three credit hours.

PSYC 3363 Psychology of Religion

Prerequisite: PSYC 2300 or consent of instructor. Various interpretations of religious experience in terms of modern Western psychology and their use in religious counseling. Varieties of religious experiences, psychological interpretations of religious experiences, religion and stages of human development, and techniques of religious counseling. Three credit hours.

PSYC 3365 Fundamentals of Psychosexual Behavior

Prerequisite: PSYC 2300. The emotional, attitudinal, and developmental parameters of human sexual motivation and behavior; masculinity-femininity; sexual deviation; and prevalent sexual behaviors. Three credit hours.

PSYC 3366 Psychology of Women

Prerequisite: Psychology 2300. The study of the psychology of women, emphasizing the different views of women in our society, the bases of these views, and their implications for men and women. Three credit hours.

PSYC 3368 Psychology Cooperative Education

Prerequisites: completed 30 semester hours with a 2.50 GPA overall, PSYC 2300, six upper-level hours in psychology and consent of the psychology department coordinator and the director of cooperative education. Transfer students must have completed one semester in residence. Prerequisite or corequisite: PSYC 2340 or 2310. Designed to complement and extend the classroom learning experience through the application of psychology-based concepts, skills, and technology in a professional work environment. PSYC 3368 normally requires 200 hours per semester with the employer. Number of work hours, activities, and responsibilities depends on the nature of the work and must be specified in a written agreement coordinated with the course instructor and the Office of Cooperative Education. Grading is based on the criteria of the written agreement and is the responsibility of the instructor. Three credit hours.

PSYC 3369, 3469 Internship

Prerequisites: junior standing, consent of instructor. Provides practical experience in a professional urban setting. Students work in a business, government agency, state mental health institution, or similar location giving opportunities to apply their academic background to develop applied skills. Three or four credit hours.

PSYC 3370 Industrial Psychology

Prerequisite: PSYC 2300. A survey of the field of industrial psychology. Application of psychological principles to prediction, performance criteria, job analysis, employee evaluation, training, work environment, management, motivation, and job satisfaction. Recommended for business students and those interested in applied psychology. Three credit hours.

PSYC 3375 Psychology of Consumer Behavior

Prerequisite: PSYC 2300. Psychology of advertising; motivational, perceptual, social, and learning variables influencing consumer choice. Recommended for advertising, marketing, business, and psychology majors. Three credit hours.

PSYC 3380 Cognitive Psychology

Prerequisite: PSYC 2300. An introduction to theories and research regarding human information processing. Topics include attention, memory, problem solving, information representation, and individual differences in cognitive ability. Three credit hours.

PSYC 4100 Senior Synthesis

Prerequisite: senior standing and 18 hours in psychology, or consent of instructor. Capstone course, applying knowledge and skills from previous psychology courses. One credit hour.

PSYC 4300 Drugs and Behavior

Prerequisite: PSYC 2300, senior standing, or consent of instructor. An analysis of the effects of drug administration on ongoing behavior and learning. Emphasis on drugs of clinical application and usages. Dual-listed in the *UALR Graduate Catalog* as PSYC 5300. Three credit hours.

PSYC 4301 Drug Abuse

Prerequisite: PSYC 2300. A study of drug abuse and addiction with an emphasis on pharmacological, psychological, and behavior aspects of abused drugs. There is also an emphasis on the differing treatments used in the attempt to control these addictions. Three credit hours.

PSYC 4310 Counseling Psychology

Prerequisite: PSYC 2300, senior standing, or consent of the instructor. A survey of the field of counseling and its philosophy, with emphasis on the counseling relationship. Educational, vocational, industrial, and personal counseling are covered. Dual-listed in the *UALR Graduate Catalog* as PSYC 5310. Three credit hours.

PSYC 4320 Physiological Psychology

Prerequisite: PSYC 2300. Principal neuroanatomical structures, with emphasis on their behavioral correlates. Three credit hours.

PSYC 4221, 4321 Independent Study

Prerequisite: senior standing psychology major, consent of the professor. Readings and research in various areas of psychology. Two or three credit hours.

PSYC 4325 Personnel Psychology

Prerequisites: PSYC 2300, three hours of statistics. Analysis of industrial psychology in terms of personnel work. Topics include predictors and related issues, criteria and related issues, statistical analysis for selection and placement, testing, interviews and other non-test procedures, personnel development, and attitude measurement. Dual-listed in the *UALR Graduate Catalog* as PSYC 5325. Three credit hours.

PSYC 4330 Learning and Memory

Prerequisite: PSYC 2300. Fundamental principles of conditioning and learning. Topics include traditional and modern approaches to reinforcement, punishment, generalization, discrimination, constraints on learning, and applications of learning principles. Dual-listed in the *UALR Graduate Catalog* as PSYC 5330. Three credit hours.

PSYC 4335 Personality and Social Development

Prerequisites: PSYC 2300. Recommended: PSYC 3356. Examines the interaction between developing children and the social environment and the implications for adult personality using an Eriksonian stage model. Constitutional predispositions, parental care giving, modeling, peer interaction, and social institutions considered. Three credit hours.

PSYC 4336 Cognitive Development

Prerequisite: PSYC 2300, 3356, and senior standing or consent of the instructor. An introduction to the theories and research on the development of thinking in infants, children, and adolescents. Dual-listed in the *UALR Graduate Catalog* as PSYC 5336. Three credit hours.

PSYC 4340 Shaping of Human Behavior

Prerequisite: PSYC 2300, and senior standing or consent of the instructor. A study of the application of principles of learning and conditioning to the shaping of the behavior of people in a variety of settings. Ethical issues in changing human behavior. Dual-listed in the *UALR Graduate Catalog* as PSYC 5340. Three credit hours.

PSYC 4345 History of Psychology

Prerequisite: PSYC 2300. An examination of concepts, methods, and systems that have contributed to the development of modern psychology. Provides excellent preparation for the Advanced Psychology GRE. Three credit hours.

PSYC 4355 Psychology of Personal Adjustment

Prerequisite: PSYC 2300. A study of the healthy personality, emphasizing characteristics, development, and promotion of mental health. Three credit hours.

PSYC 4363 Organizational Psychology

Prerequisite: PSYC 2300 or consent of the instructor. An analysis of the interplay of individuals and the organizations for which they work. Topics include job satisfaction, motivation, morale, leadership, group dynamics, conflict, communication, union-management relations, and organizational growth and development. Three credit hours.

PSYC 4365 Psychological Disorders of Childhood

Prerequisite: PSYC 2300, and senior standing or consent of instructor. A study of the nature, causes, and treatment of disturbed behavior in children and their families. Topics include childhood psychoses, attention deficit disorder, autism, depression, behavior problems, and the abused child. Dual-listed in the *UALR Graduate Catalog* as PSYC 5365. Three credit hours.

PSYC 4370 Psychology of Personality

Prerequisite: PSYC 2300 and PSYC 3360. A critical survey of modern approaches to the organization and development of personality, with extensive reading to integrate experimental, clinical, biographical, and cultural evidence. Three credit hours.

PSYC 4380 Human Factors Psychology

Prerequisite: PSYC 2300. An analysis of relevant information about human behavior for the design of physical objects people use, the methods for their use, and the design of environments in which people live and work. Three credit hours.

PSYC 4385 Psychology and Public Health

Prerequisites: PSYC 2300, and senior standing, or consent of the instructor for undergraduates; graduate standing for graduates. Considers how psychological science and applications can help shape community health and public health efforts. Issues related to health psychology research, community psychology, preventive health, and public health practice will be considered. Will explore innovative public health models in which psychological science or applications have been prominent. Dual-listed in the *UALR Graduate Catalog* as PSYC 5385. Three credit hours.

PSYC 4290, 4390 Senior Seminar

Prerequisite: PSYC 2340 and senior status in psychology major. Topics vary with instructor. Two or three credit hours.

PSYC 4397 Social Studies Teaching Applications

A link between social studies content with practical applications for classroom instruction. Information comes from history, geography, political science, sociology/anthropology, and psychology. Content modeled for prospective secondary education teachers to illustrate how content can be applied in the classroom. Critical components of each discipline integrated into the content presentations and the demonstrated applications. Team taught. Three credit hours.

PSYC 4412 Computer Applications in Psychology

Prerequisite: consent of instructor. The basic instrumentation involved in psychological research, with emphasis on the use of programming language in experimental situations and interfacing microcomputers with common laboratory equipment. Two hours lecture, four hours laboratory per week. Four credit hours.

PSYC 4450 Experimental Psychology

Prerequisites: PSYC 2300, 2340. General methodological principles and techniques of psychological experimentation. Students design, conduct, analyze, and report experiments in their areas of interest. Three hours lecture, two hours laboratory. Four credit hours.

PSYC 4460 Psychological Tests: Composition and Interpretation

Prerequisite: PSYC 2300, three hours of college-level statistics, and senior standing. An extensive treatment of reliability and validity, norms, and standardization. The construction and use of common psychological tests are considered. Dual-listed in the *UALR Graduate Catalog* as PSYC 5460. Four credit hours.

PSYC 4495 Practicum in Psychology

Prerequisites: senior standing, consent of instructor. The student will perform independent laboratory research or assist in the instructional process. Four credit hours.