

# PSYCHOLOGY

*Head of the Department:* Professor

*Professors:* McAllister, Rossano

*Associate Professor:*, Worthen

*Assistant Professors:* Coats, Holt-Ochsner, Shwalb, Varnado-Sullivan

*Instructor:* Culver

## PSYCHOLOGY (PSYC)

**101. General Psychology I.** Credit 3 hours. A survey of the science of behavior of man and other animals, and psychology as a biosocial science.

**102. General Psychology II.** Credit 3 hours. Prerequisite: Psychology 101, or consent of the Department Head. A continuation of topic areas not covered in Psychology 101. Purpose is to have students receive a broad overview of psychology.

**117H. General Psychology (3).** Credit 3 hours. This course surveys the major topics in psychology. Open to university honors students and to students with at least a composite 21 on the ACT. This course substitutes for Psychology 101; students may not get credit for both Psychology 101 and Psychology 117.

**204. Developmental Psychology.** Credit 3 hours. Prerequisite: Psychology 101, or consent of the Department Head. General principles of development: theory and research relating to cognitive, social, biological, and emotional factors across the life span.

**205. Psychology of Criminal Justice.** Credit 3 hours. Prerequisites: Criminal Justice 101 and Psychology 101, or consent of the Department Head. Also offered as Criminal Justice 207. Applications of psychology to the criminal justice system. Topics will include: theories of violence, eyewitness testimony, jury selection and procedures, expert testimony, victims, and prisons. Credit cannot be given for both Criminal Justice 207 and Psychology 205.

**210. Social Psychology.** Credit 3 hours. Prerequisite: Psychology 101. Scientific study of individuals as they affect and are affected by others. Topics include interpersonal attraction, attribution theory, attitudes, and group dynamics.

**220. Principles of Research Design.** Credit 3 hours. Prerequisites: Psychology 101 or permission of Department Head. Principles of designing, conducting, and interpreting psychological research are surveyed. Critical analysis of published research is emphasized.

**221. Psychological Statistics.** Credit 3 hours. Prerequisites: Math 161 or 164, Psychology 220, and registration for Psychology 222. Basic descriptive and inferential statistics applied to data in the behavioral sciences.

**222. Psychological Statistics Laboratory.** Credit 1 hour. Prerequisite: Registration in Psychology 221. A series of laboratory exercises on microcomputers designed to reinforce statistical concepts presented in Psychology 221. Students will complete a series of tutorial programs. In addition, students will get experience analyzing data using standard social sciences statistical packages such as SPSS.

**231H. Honors Research.** Credit 1-3 hours. Limited to Honors students. This course is an independent study research mentorship with a member of the Psychology faculty. Students will spend approximately 4 hours per week on the faculty member's research team for each credit hours. May be repeated for a total of no more than three credit hours. Grading will be Pass/Fail.

**282. Special Topics in Psychology.** Credit 3 hours. Prerequisites: Psychology 101 or permission of the Department Head. An exploration of current issues in Psychology, including those of relevance to students not intending to major in the field. May be repeated for a maximum of six hours.

**335. Research Design and Analysis.** Credit 3 hours. Prerequisite: Psychology 221 and 222. The principles of research covered in Psychology 220 applied in an experimental or non-experimental research project. Students will be presented with a research design and procedure, which they implement. Results of the research will be communicated in a complete report following standard journal article format.

**343. Conditioning and Learning.** Credit 3 hours. Prerequisite: PSYC 101 or permission of the Department Head. The course will survey classical and operant conditioning and theoretical approaches to understanding them. Special topics with theoretical and practical significance will be explored.

**346. Sensation and Perception.** Credit 3 hours. Prerequisites: Psychology 101 and 102, or consent of the Department Head. A survey of the functions of the major senses stressing the psychological aspects of perception, with some attention to their physiological substrata. Topics will include color vision, the perceptual constancies, the perception of pitch, movement, and psychophysics.

**347H. Honors Seminar: Issues in Psychology.** Credit 1 hour. Prerequisite: Honors student in good standing. This course covers classic readings in psychology; professional issues in psychology; presentations of faculty research; presentations of student research. Course maybe repeated no more than six times.

**350. Introduction to Clinical Psychology.** Credit 3 hours. Prerequisites: Psychology 101 and 102, or consent of the Department Head. This course is designed to provide a general survey of the field of clinical psychology; however, the areas of diagnostic assessment, personality theory and psychotherapy techniques are emphasized. Diagnostic assessment will focus on the concepts of reliability and validity with regard to those tests which usually comprise the standard psychiatric battery. Those personality theories which have generated relatively distinctive techniques of psychotherapy will be considered as well as the effectiveness of the psychotherapies themselves.

**373. Evolutionary Psychology.** Credit 3 hours. Application of Darwinian principles to the understanding of human nature. The course integrates important concepts from evolutionary biology, anthropology, and comparative psychology in order to construct a comprehensive framework from which human thought and behavior can be understood.

**367H. Senior Honors Research in Psychology.** Credit 3 hours. Prerequisite: Honors student in good standing. Independent studies course in preparation for Honors Thesis. Student must receive permission of the Department Head prior to registration.

**416. Personality.** Credit 3 hours. Prerequisites: 12 hours of Psychology courses including Psychology 101 and 102. This course explores the concepts of psychological traits and personality types and the relationship between personality and personal identity.

**421/521. History and Systems of Psychology.** Credit 3 hours. Prerequisites: 12 hours in Psychology, and Junior standing. Comparative historical study, with some unifying reconciliation, of the various dominant men, systems, or "schools" of psychology which have represented the major different approaches to the study of behavior.

**422/522. Abnormal Psychology.** Credit 3 hours. Prerequisites: Psychology 101, or Educational Psychology 302, and Junior standing. Examination of the validity of the concept of "Abnormality" and what variables influence the diagnostic process. Nature, etiology, and prognosis of major behavioral and emotional disorders to illustrate basic principles. Field trip(s) to selected mental health facility/facilities.

**440. Cognitive Psychology.** Credit 3 hours. Prerequisites: Psychology 101, 102, and Junior standing. An analysis of theories and research on internal mental processes.

**449/549. Individual Research in Psychology.** Credit 3 hours. Prerequisite: Psychology 335 or consent of the Department Head. Enrollment ordinarily limited to one or two students per instructor. A course devoted to research design and implementation of this design by conducting and communicating results in publishable form. May be taken up to 3 times (9credit hours) with the permission of the Department Head.

**450. Service Learning.** Credit 1-3 hours. This course is intended for students involved in the reflective practice of offering some type of psychological service under supervision in an applied setting. The setting will include a licensed psychologist who supervises the student. The setting will propose, in writing, a program of activities for the student subject to the approval of the course instructor. In addition to the service activity, the student will meet bi weekly with the course instructor to discuss his/her experiences. The student will also write a term paper evaluating the experience. May be repeated for a maximum of six credits. Pass/Fail Grading.

**462. Physiological Psychology.** Credit 3 hours. Prerequisites: Psychology 101 and 102, or consent of the Department Head. Understanding the brain-behavior relationship by investigating research which deals with the manipulation of physical and chemical events in the organism and the resultant behavior.

**467H. Honors Thesis in Psychology.** Credit 3 hours. Prerequisite: Honors student in good standing. Independent study for writing and oral defense of Honors Thesis. Student must receive permission of the Department Head prior to registration.

**468. Independent Readings in Psychology.** Credit 3 hours. May not be repeated. Prerequisites: Senior standing and consent of the instructor. Guided readings in an area mutually agreed upon by the student and the instructor. A final written report is required.

**475/575. Industrial/Organizational Psychology.** Credit 3 hours. Prerequisite: Psychology 101 and Junior standing, or consent of the Department Head. This course will survey the application of psychological principles to important areas in work settings, such as: personnel selection, training, appraisal, employee motivation and satisfaction, and leadership.

**482/582. Seminar in Psychology.** Credit 3 hours. Prerequisites: 12 hours in Psychology, or consent of the Department Head, and Junior standing. Intensive exploration, in-depth, of selected topics, designed to organize, clarify, and supplement the student's grasp of psychology.

**612. Learning, Memory, and Cognition.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. A survey of advanced issues of learning and cognitive processes.

**613. Physiological Psychology.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. An advanced survey of theory and research dealing with relationship between brain and behavior.

**614. Social Psychology.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. An advanced survey of theory and research in social processes. Topics include perception of self and others, group influence and group dynamics, altruism, and aggression.

**615. Psychological Assessment.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. Successful completion of Psychology 635 or 636 is highly recommended. Introduction to the systematic assessment of individuals. Basic test theory is presented. Interviewing, surveys, objective and projective tests will be covered, with the emphasis varying from time to time. Limited laboratory practice with representative techniques.

**616. Theories of Personality.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. A survey of selected major theories of personality development and dynamics, and evaluation of their usefulness in the prediction and control of behavior. Also, evaluation of therapy techniques derived from such theories.

**620. Developmental Psychology.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. An advanced survey of theory and research in development. Topics include cognitive, social, and emotional development, and the development of psychopathology.

**635. Experimental Design and Analysis.** Credit 4 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. Design and analysis of research where there is direct control of the independent variable. Both experimental and quasi-experimental designs will be covered. Statistical techniques will include ANOVA, planned comparisons, and post-hoc tests. Experimental research project required.

**636. Non-experimental Design and Analysis.** Credit 4 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. Design and analysis of research where there is no direct control of the independent variable. Statistical techniques will include correlation, regression, multiple correlation, and multiple regression. Non-experimental research project required.

**660. Special Topics in Psychology.** Credit 3 hours. Prerequisites: Psychology graduate standing or permission of the Department Head. An in-depth analysis of a limited number of topics in Psychology. Topics will change from semester to semester, depending on the interests of the instructor. This course may be repeated for credit.

**668. Independent Readings in Psychology.** Credit 3 hours per semester. Prerequisite: Psychology graduate standing or permission of the Department Head. Individual reading in an area agreed upon by the faculty member and student. A final written report is required. May not be repeated.

**679. Psychotherapy Techniques.** Credit 3 hours. Prerequisites: Psychology graduate standing or permission of the Department Head. Provides education and training in psychotherapy techniques, including such topics as establishing a therapeutic relationship, formulating and implementing effective treatment plans, crisis intervention, and ethical principles/legal issues relevant to psychotherapy. Topics covered are not designed to be bound to any particular theoretical orientation but are relevant to any practice of psychotherapy.

**683. Practicum.** Credit 3 hours. Prerequisite: Permission of the Psychology Graduate Coordinator; a grade of A or B in Psychology 635 and 636; students interested in testing practicum must complete Psychology 615 or an approved alternative; students interested in a counseling practicum must complete Psychology 679; students interested in an Industrial/Organizational practicum must complete PSYC 575 or receive permission from the coordinator. Students will provide psychological services to individuals and/or organizations in a suitable setting, under direct supervision by a cooperating, licensed professional and/or an appropriate, full-time faculty member. For each hour or credit pursued, at least one-half hour per week will be devoted to formal training or conferences with the supervisor(s), and at least three hours to supervised practice. May be taken up to 3 times with permission of the Department Head with no more than 6 hours to count toward the Master's degree.

**692. Psychopharmacology.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. Course will survey basic principles of drug action and the effects of several classes of psychoactive drugs on the nervous system and behavior. Therapeutic and illicit use of drugs will be covered. Theoretical approaches to drug addiction will be emphasized.

**770. Thesis.** Credit 1-6 hours each semester, with six hours needed for graduation. Prerequisites: Psychology graduate standing and completion of Psychology 635 and 636 with a grade of at least B. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass/Fail.