

The College of Arts and Sciences

DEPARTMENT OF PSYCHOLOGY

Head of the Department: Professor Burstein

Professors: Capron, McAllister

Associate Professors: Baker, Rossano

Assistant Professors: Coats, Holt-Ochsner, Palmer, Varnado-Sullivan, Worthen

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.

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 and 102 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.

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 consent of 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.

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.

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 and Junior standing. An analysis of theories and research on internal mental processes.

449/549. Individual Research in Psychology. Credit 3 hours. Prerequisites: Psychology 333 or 334,

or consent of the Department Head, the instructor's consent in writing before registration, and Junior standing. Enrollment ordinarily limited to one or two students per instructor. An honors course devoted to research design and implementation of this design by conducting and communicating results in publishable form.

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.

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: Graduate standing. A survey of advanced issues of learning and cognitive processes.

613. Physiological Psychology. Credit 3 hours. Prerequisite: Graduate standing. An advanced survey of theory and research dealing with relationship between brain and behavior.

614. Social Psychology. Credit 3 hours. Prerequisite: Graduate standing. 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. Psychometry. Credit 3 hours. Prerequisite: Graduate student in Psychology program or permission of the Psychology Graduate Coordinator. Successful completion of Psychology 635 or 636 is highly recommended. Basic test theory is presented. Introduction to the administration, scoring, interpretation, and report writing for selected standardized tests. Emphasis will be on adult intelligence testing, but some personality tests may be included. Limited laboratory practice with representative tests.

616. Theories of Personality. Credit 3 hours. Prerequisite: Graduate standing. 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: Graduate standing. 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: Graduate standing. 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. Nonexperimental Design and Analysis. Credit 4 hours. Prerequisite: Graduate standing. 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. Nonexperimental research project required.

660. Special Topics in Psychology. Credit 3 hours. Prerequisites: Graduate standing and approval of the Graduate Advisor. 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. May not be repeated. Prerequisite: Graduate standing and permission of instructor. Individual reading in an area agreed upon by the faculty member and student. A final written report is required.

679. Psychotherapy Techniques. Credit 3 hours. Prerequisites: Graduate standing and permission of instructor. 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 - I. Credit 3 hours. Prerequisite: Permission of the Graduate Coordinator; a grade of A or B in Psychology 635 and 636; students interested in a testing practicum must complete Psychology 615; students interested in a counseling practicum must complete Psychology 679. Field practice in psychological evaluations, behavior modification, and/or short-term psychological counseling in a suitable agency setting, under direct supervision by an appropriate, regular faculty member and/or a cooperating, licensed psychologist. For each hour of 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.

684. Practicum - II. Credit 3 hours. Prerequisites: Permission of the Graduate Coordinator; a grade of A or B in Psychology 683; students interested in a testing practicum must complete Psychology 615; students interested in a counseling practicum must complete Psychology 679. Field practice in psychological evaluations, behavior modification, and/or short-term psychological counseling in a suitable agency setting, under direct supervision by an appropriate, regular faculty member and/or a cooperating, licensed psychologist. Experiences in this practicum must be substantially different from

those the student received in Psychology 683. For each hour of 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.

685. Practicum - III. Credit 3 hours. Prerequisites: Successful completion of Psychology 575 or permission of Psychology Graduate Coordinator; a grade of A or B in Psychology 635 and 636. Field practice in the application of theories, concepts, and research of Industrial/Organizational Psychology, under direct supervision by an appropriate, regular faculty member. For each credit pursued, at least one-half hour per week will be devoted to formal training or conferences with the supervisor and at least three hours to supervised practice.

692. Psychopharmacology. Credit 3 hours. 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.

702. Consortium Examinations in Psychology. Credit 3 hours. Prerequisite: Post master's psychology student who is currently pursuing a doctoral degree through the Consortium for Graduate Training in Psychology. Students who have already earned a master's degree must register for this course in order to take any of the qualifying exams. Grading to be on a pass/fail basis.

770. Thesis. Credit 1-6 hours each semester, with six hours needed for graduation. Prerequisites: 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.