

PSYCHOLOGY

PSY 0004 PSYCHOLOGY CAREER PLANNING SEMINAR 1 cr.

Acquaints students with some of the many opportunities for employment and graduate school after obtaining a Bachelor's degree. Also familiarizes the student with the procedures necessary to pursue those opportunities with particular emphasis on identifying and applying to graduate programs.

Prerequisite: None.

PSY 0010 INTRODUCTION TO PSYCHOLOGY 3 cr.

Summary of our present knowledge in fundamental areas of learning, sensation and perception, biological basis of behavior, developmental patterns, motivation, emotion, personality and adjustment, and measurement of behavior. Information and concepts are applied to problems in understanding human behavior. Additional out-of-class experiments or an equivalent research paper are a part of the course.

Prerequisite: None.

PSY 0022 INTRODUCTION TO EXISTENTIALISM 3 cr.

Introductory level course explores the central existentialist question of how to be a genuine individual or self through readings of several major authors, such as Pascal, Kierkegaard, Dostoevsky, Nietzsche, and Sartre.

Prerequisite: None.

PSY 0032 RESEARCH METHODS 1 4 cr.

Laboratory course dealing with research methods in the study of behavior, with particular attention toward understanding individual social behavior. Offers a combination of field and lab research.

Prerequisite: STAT 0200.

PSY 0105 INTRODUCTION TO SOCIAL PSYCHOLOGY 3 cr.

An overview of social psychology. The scientific study of how one person's behavior and/or characteristics can influence the thoughts, feelings and behaviors of others. Topics covered include social perception, attitude formation and change; prejudice and discrimination; altruism and aggression; cooperation, competition, and bargaining; group decision making, leadership; and environmental effects on behavior.

Prerequisite: PSY 0010.

PSY 0160 **PSYCHOLOGY OF PERSONALITY** **3 cr.**

Survey of major approaches to the study of personality, focusing on their relative abilities to provide coherent explanations for individual behavior. Issues involved in the assessment of personality will also be discussed and several assessment procedures evaluated. Recent research in personality psychology is reviewed and analyzed.

Prerequisite: PSY 0010.

PSY 0175 **PSYCHOLOGY OF RELIGION AND SPIRITUALITY** **3 cr.**

Examines the scientific study of thoughts, behaviors, emotions, and experiences that relate to the sacred. Includes a comparison of the terms religion and spirituality, and explores research methods used in the field. Surveys research and theory concerning the following topics: religious development across the lifespan, religious motivations, spiritual and mystical experiences, conversion, cults, religious fundamentalism, images of and relationships with god, the neuroscience of religion, religious coping, and religion/spirituality in applied settings (i.e., psychotherapy, assessment, consultation).

Prerequisite: PSY 0010.

PSY 0186 **CROSS CULTURAL PSYCHOLOGY** **3 cr.**

The systematic, scientific study of human behavior takes into account the diverse ecological and cultural settings in which we live. Covers traditional topics in human psychology-perception, cognition, personality development, intergroup relations and impact of social change. Research data are emphasized. Approach is interdisciplinary, integrating material from Anthropology as well as Psychology.

Prerequisite: PSY 0010.

PSY 0310 **DEVELOPMENTAL PSYCHOLOGY** **3 cr.**

Focuses on development of the child from birth to adolescence, the current theory and research concerning social, emotional, intellectual, perceptual and language development. The organization of the course is topical. Coverage is confined to normal development; what develops, how and why in the average child. Little attention to abnormal development.

Prerequisite: PSY 0010.

PSY 0311 **LIFESPAN DEVELOPMENT** **3 cr.**

Follows human development from fetal stages until the end of life. The course includes theory, research and practical applications. Lecture topics include genetic/environmental influences; prenatal and birth factors; physical, cognitive, social, personality, and cultural variables which influence normal and abnormal development in infancy, childhood, adolescence, early-, middle-, and late adulthood.

Prerequisite: PSY 0010.

PSY 0330 **EXPERIMENTAL CHILD PSYCHOLOGY** **3 cr.**

Introduces students to the scientific basis of theories and issues in child and developmental psychology. Students will learn about and apply basic methods of research in child development, including conducting a study and writing it up according to American Psychological Association (APA) style. Primarily organized around the child's cognitive development, but other topics will be discussed as well.

Prerequisite: PSY 0010.

PSY 0335 **CHILDREN, MEDIA, AND TECHNOLOGY** **3 cr.**

Children are exposed to a large variety of media. Using scientific studies, we will examine how media affect children's intellectual, social, and personal development, reviewing several theories about how children and media interact.

Prerequisite: PSY 0310.

PSY 0402 **EXPERIMENTAL LEARNING** **4 cr.**

Laboratory course offering an overview of principles of learning and behavior. Topics include Pavlovian and operant procedures, vicarious learning, generalization, and discrimination. Individual behavior modification project and lab report required.

Prerequisite: PSY 0010.

PSY 0410 **HUMAN COGNITION** **3 cr.**

Introduces students to theory and research regarding human cognition. Topics covered include how humans sense, perceive, and attend to objects in the environment; remember certain stimuli, events, and skills; form concepts; and learn and solve problems.

Prerequisite: PSY 0010.

PSY 0505 INTRODUCTION TO BIOPSYCHOLOGY 3 cr.

Survey course in which the biological bases of certain classes of behavior are explored. The behaviors studied are limb movement, sleep and wakefulness, feeding, sexual behavior and learning and memory. Each of these behaviors is considered from the point of view of which brain structures and which neurotransmitters are involved in the production of that behavior. Emphasis is also placed on experimental techniques used to obtain relevant data and on the type of inferences which can be made from these experiments.

Prerequisite: PSY 0010 or any introductory BIOSC course.

PSY 0680 INTRO TO INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY 3 cr.

A survey course of contemporary practice in the field of industrial psychology. Principal topics include employee selection, testing, performance appraisal, training and development, leadership, work motivation, organizational psychology, conditions at work, engineering psychology, employee safety and health, consumer and marketing psychology.

Prerequisite: PSY 0010.

PSY 1001 INTRODUCTION TO EDUCATIONAL PSYCHOLOGY 3 cr.

A survey of current problems in education which psychological theory and research can address. Topics include developmental approaches to teaching, educational applications of learning theory, classroom management, and testing strategies for teachers.

Prerequisite: PSY 0010.

PSY 1025 TESTS AND MEASUREMENT 3 cr.

Reviews representative examples of current psychological tests and covers, in some detail, the nature of psychological measurement and the elements of test theory and test construction. Topics covered include item analysis, item selection techniques, reliability, validity and validation procedures, standardization and norming, and the conceptual problems in test interpretation. .

Prerequisites: PSY 0010; STAT 0200 or STAT 1131 or MGMT 0024.

PSY 1035 DRUGS AND BEHAVIOR 3 cr.

Examines the influence of drugs on the brain and behavior. Topics covered include the influence of drugs on brain functioning, the use of drugs to treat psychological abnormalities (e.g., schizophrenia, depression), and theories of drug addiction.

Prerequisite: PSY 0010.

PSY 1055 HUMAN FACTORS IN SYSTEM DESIGN 3 cr.

Human-machine designs with special emphasis on human computer interaction. Analyzes creation and improvement of equipment and environment to be compatible with human capabilities and expectations.

Prerequisite: PSY 0010.

PSY 1056 FORENSIC PSYCHOLOGY 3 cr.

Examines the unique subfield of forensic psychology that addresses the interface between psychologists and the legal system. Specifically, the course and its namesake generally refers to the assessment and treatment of psychological disorders within the legal system. As such, this course will cover topics including the history and development of forensic psychology, common assessments conducted by forensic psychologists (including competency to stand trial), their assistance with courts' verdict and sentencing decisions (including not guilty but mentally ill vs. not guilty for reason of insanity), the treatment of offenders and ex-offenders, expert testimony by forensic psychologists on psychological issues, and their role in high-stakes death penalty cases. This material will emphasize the importance of the scientist-practitioner model which advocates for the application of psychological research to most effectively assess and treat individuals involved in the legal system.

Prerequisite: PSY 0010.

PSY 1089 THE CREATIVE PROCESS 3 cr.

Interweaves the theoretical and psychological perspectives of the creative process with the experiences, work and words of both painters and poets. Master articulations of psychological theories and artistic experiential models inform the lectures, workshop and guest appearances.

Prerequisites: PSY 0010 and at least one ENGWRT course.

PSY 1110 PSYCHOLOGICAL ASPECTS OF HUMAN SEXUALITY 3 cr.

Presents a social-psychological and psycho-biological orientation towards the study of human sexuality. Current research is emphasized. Topics such as sexual attitudes, hormones and behavior, changing sexual behavior, sex education, gender-role development, alternative forms of sexual expression, and violence and sex are covered.

Prerequisite: PSY 0010.

PSY 1114 LEGAL PSYCHOLOGY 3 cr.

Psychological theory and research has historically been relevant to the legal policy and judicial decision-making. Although the legal system frequently ignored much of this research throughout the 20th century, the 21st century has seen a dramatic increase in the application of psycho-legal research within the legal system. Recognizing the burgeoning field of Legal Psychology, the purpose of this course is to illuminate the interaction between psychology and the legal system. Due to legal psychology's emphasis of integrating research with practice, this course covers a myriad of psychological research areas that have a

direct bearing on the legal system, including: eyewitness testimony and identification, profiling, interrogations and confessions, jury selection, jury decision-making, competency to stand trial, investigative interviewing, sexual harassment, and punishment.

Prerequisite: PSY 0010.

PSY 1131 GENDER AND MENTAL HEALTH 3 cr.

Explores the experience, origins, and treatment of mental health problems affecting men and women in American society. Examines major approaches to understanding how gender affects mental health and relies on an exploration of personal accounts of illness or personal crisis.

Prerequisites: PSY 0010 and one other PSY course.

PSY 1205 ABNORMAL BEHAVIOR 3 cr.

Provides an overview of the major issues in the area of mental illness. This course emphasizes the scientific approach to understanding the major psychological and behavioral disorders. The research and clinical literatures regarding the etiology, course and treatment of these disorders will be presented.

Prerequisite: PSY 0010.

PSY 1211 CLINICAL PSYCHOLOGY WITH LAB 4 cr.

Provides theoretical background and direct experience in practicing various clinical skills, such as building a relationship with a client, conducting therapeutic interventions, interviewing, and administering, scoring, and interpreting psychological measurements. The course also explores case conceptualization (addressing factors underlying mental health problems) and ethical issues in clinical and counseling psychology. The application of these skills and concepts are applied to such subfields as marriage and family counseling, drug counseling, group interventions, child psychology, and the prevention of mental health problems. Finally, clinical tasks such as consultation, program development, and program evaluation are explored.

Prerequisites: PSY 0010 and PSY 1205.

PSY 1215 HEALTH PSYCHOLOGY 3 cr.

Provides an introduction to the major questions and methods which have guided the research in health psychology. This field examines the role of psychological and social factors in the development and progression of medical disease. Three main topics are covered: (1) conceptual underpinnings of health psychology, (2) psychosocial factors and specific diseases, and (3) evaluating behavioral medicine interventions.

Prerequisites: PSY 0010 and one other PSY courses.

PSY 1228 **EXPERIMENTAL EMOTION AND MOTIVATION** **3 cr.**

Examines how social, cognitive, and biological factors influence emotions (e.g., fear, pleasure, pain) and motivations (e.g., sex, drugs, food). Students will learn about these topics and the experimental methods used by psychologists examining these issues. Students will then choose a particular area of interest, design and conduct an experiment on that topic, and write up their results according to APA style.

Prerequisite: PSY 0010.

PSY 1270 **CHILD PSYCHOPATHOLOGY** **3 cr.**

Considers research and theory which bear on the development of psychological disorders in children. Biological and environmental factors which contribute to childhood disorders are considered with special emphasis on the role of the family. Childhood psychosis, hyperactivity, and depression are studied to illustrate theoretical models and empirical findings.

Prerequisite: PSY 0010.

PSY 1370 **FAMILY PSYCHOLOGY** **3 cr.**

Provides an overview of families, relationships, and marriage and its' variations. Evolving perspectives on the family are considered, as are challenges and opportunities facing contemporary families. Specific topics include sexuality, gender, love, reproduction, parenting, work, uncoupling, and remarriage.

Prerequisite: PSY 0010.

PSY 1403 **ADVANCED SOCIAL PSYCHOLOGY** **3 cr.**

Current issues in social psychology (e.g., attitudes, attribution, compliance, aggression).

Prerequisites: PSY 0010, PSY 0105.

PSY 1420 **PRINCIPLES OF BEHAVIOR ANALYSIS** **3 cr.**

Examines learning and behavior from a behavior analytic perspective. Students will be introduced to the principles, theories, methods, and applications of the experimental analysis of behavior. Topics include: reinforcement theory, punishment, choice, and self-control.

Prerequisite: PSY 0010.

PSY 1445 **BIOLOGICAL FOUNDATIONS OF BEHAVIOR** **3 cr.**

Provides an introduction to animal behavior. It surveys fundamental concepts such as evolution, genetics, adaptation, and learning as well as research methods used to understand animal behavior. Primate species are emphasized.

Prerequisites: PSY 0010, Sophomore.

PSY 1475 **APPLIED BEHAVIOR ANALYSIS** **3 cr.**

Examines the extension of basic behavioral research to problems of social significance. Among the topics covered are the concepts and terminology of behavior analysis, ethical considerations, and techniques for the collection and display of behavioral data, functional assessment of problem behavior, and the use of behavioral treatments to reduce problem behaviors and promote appropriate behaviors. Also surveyed are areas in which Applied Behavior Analysis has been particularly successful, including autism, self-injurious behaviors, feeding disorders, and developmental disabilities.

Prerequisite: PSY 0010.

PSY 1485 **ADVANCED BEHAVIOR ANALYSIS** **3 cr.**

Expands on the learning principles and their applications covered in the prerequisite classes. Students will be exposed to methods of behavior assessment, strategies for selecting intervention outcomes, behavior change procedures, systems supports and the Behavior Analysis Certification Board's (BACB's) guidelines for responsible conduct.

Prerequisite: PSY 0010, PSY 0402, PSY 1475.

PSY 1495 **ADVANCED BEHAVIOR ANALYSIS 2** **3 cr.**

Continuation of PSY 1485 and addresses a variety of behavior principles including stimulus control, generalization, motivating operations, verbal behavior, conditioned reinforcement, and self-control. The behavior principles are examined theoretically and in terms of their applicability to clinically-relevant problem behaviors, teaching new skills, instructional design, and industry. Particular attention is paid to selecting and implementing behavior-change techniques.

Prerequisites: PSY 0010, PSY 0402, PSY 1475, PSY 1485.

PSY 1525 **NEUROPSYCHOLOGY** **3 cr.**

Examines the relationship between psychological and brain processes. Topics covered include: (1) environmental and genetic influences on the brain and psychological processes; (2) brain organization, development, and plasticity; and (3) the neural correlates of sensations, perceptions, thoughts, memories, stress, dreams, emotions, and motivations.

Prerequisite: PSY 0010.

PSY 1535 **SENSATION AND PERCEPTION** **3 cr.**

Examines the nature of the mechanisms that transform sensory input into our perceptual experience of the world. Topics include: structure and function of sensory system, perception of color, object, motion, etc. Both information-processing and ecological approaches to the study of perception are considered.

Prerequisites: PSY 0010 or BIOSC 0170.

PSY 1570 **HISTORY AND SYSTEMS OF PSYCHOLOGY** **3 cr.**

Designed as an interdisciplinary examination of the evolution of the field of psychology. Time is spent on obtaining a solid understanding of the philosophical underpinnings of the discipline of psychology. From the early Greek philosophers on the early emerging discipline of psychology is examined by tracing the development and historical lineage of different schools of thought up to the modern era. Emphasis is on the relationship of psychology to the fields of history and philosophy, and how schools of thought fit into empiricist and rationalist traditions.

Prerequisite: PSY 0010.

PSY 1640 **PHILOSOPHY OF PSYCHOLOGY** **3 cr.**

Covers such topics as mind-body reductionism, behaviorism, functionalism, cognitivism, and the relation of artificial intelligence research to psychological theory.

Prerequisite: One course in PHIL or PSY.

PSY 1720 **PSYCHOLOGICAL STUDY OF TRAUMA** **3 cr.**

Addresses the importance of both single-blow and chronic forms of trauma, neglect and abuse in mental disorders, and adjustment. Provides an in-depth exploration of current theory and research on trauma; explores controversies or debates in the field surrounding diagnosis and treatment, memory, and selfhood; and encourages exposure to original research and writing in the professional literature. Movies, stories, personal accounts, and images are used to clarify concepts and enhance empathy. The Holocaust is examined as an important example of trauma, remembrance, and healing.

Prerequisites: PSY 0010 and one other PSY course.

PSY 1820 **SPECIAL TOPICS IN PSYCHOLOGY** **3 cr.**

Addresses a special topic of concern in the field of psychology and is taught by an expert in the area. Open to upper-level Psychology majors, intended to permit more in-depth exploration of current theory and research in one area of psychology, to explore controversies or debates in the field and to encourage exposure to original research or professional writing within the professional psychology literature.

Prerequisite: PSY 0010.

PSY 1910 **SUPERVISED FIELD PLACEMENT** **3 cr.**

Field placement experience in Psychology.

Prerequisites: Junior; PSY 1205; and permission of instructor.

PSY 1911 **SUPERVISED FIELD PLACEMENT IN BEHAVIOR ANALYSIS** **1-6 cr.**

Provides students with hands-on experience in behavior analysis and to satisfy, in part, the requirements for the supervised independent fieldwork as outlined by the behavior analyst certification board® (BACB). Students will gain experience collecting data, defining target behavior, conducting functional behavior assessments, identifying and selecting reinforcers, designing acceleration and deceleration procedures, creating and implementing treatment plans, and training staff and parents.

Prerequisites: PSY 0402, PSY 1475, Instructor Consent Required.

PSY 1912 **DIRECTED INDIVIDUAL READING** **1-3 cr.**

Under special circumstances, Psychology majors can design an individual reading course with a member of the department and in consultation with the graduate advisor.

Note: Instructor Consent Required.

PSY 1913 **DIRECTED INDIVIDUAL RESEARCH** **1-3 cr.**

Involves student participation in individual experimental research supervised by a member of the department faculty.

Note: Instructor Consent Required.

PSY 1920 **RESEARCH PRACTICUM** **3 cr.**

Students work on research projects or the analysis of data, acquiring advanced or practice with literature searching and review procedures, data entry, statistical analysis, article preparation, article submission, etc.

Note: Department Consent Required.

PSY 1925 **SENIOR THESIS** **3 cr.**

Intended as a capstone offering for all psychology majors, and is designed to give students practice in advanced skills useful for developing a final integrative psychology project. Students will develop competence in each of the following core areas: conducting literature searches on the internet, critically reading journal or research articles, and conducting simple computer data analysis. They will then use these skills and their general training in psychology to develop a final individual or group project.

Prerequisites: Senior; PSY 0032 or PSY 0330 or PSY 0402.

PSY 1972 **TEACHING OF PSYCHOLOGY** **3 cr.**

Open only to Psychology majors and is required of all undergraduate students fulfilling the departmental teaching practicum requirement.

Note: Instructor Consent Required.