

PSY-PSYCHOLOGY

PSY 1113 Elements of Psychology 3 Credit Hours

A survey of the scientific study of human behavior. Emphasis is placed upon scientific method, basic life processes, mechanisms of adaption, individual differences and group behavior. Students have the opportunity to be exposed to the research process either by serving as participants in research experiments or by conducting reviews of research topics. (F, Sp, Su) [III-SS].

PSY 2001 Career Exploration for Psychology 1 Credit Hour

Prerequisite: PSY 1113 or concurrent enrollment. This course will explore the range of career options in psychology and other fields available to those with bachelor's and graduate psychology degrees, and provide academic planning assistance. Sub-disciplines within the field of psychology will be examined as well as graduate school application processes. (F, Sp, Su)

PSY 2003 Understanding Statistics 3 Credit Hours

Prerequisite: MATH 1005 or satisfactory score on math placement assessment. An introductory applied statistics course which will focus on descriptive and inferential statistical methods. Emphasis will be placed on in-class activities and homework which help the student learn by experience. Topics include measures of central tendency and variability, z-scores, normal distribution, correlation, regression, sampling distributions, hypotheses testing, t-tests and chi-square tests. Laboratory (F, Sp, Su) [I-M].

PSY 2403 Introduction to Personality 3 Credit Hours

Prerequisite: PSY 1113 or permission of instructor. Introduces the classic theoretical perspectives in personality psychology and establishes a solid foundation for understanding personality dynamics. The emphasis is on personality theories representing (but not limited to) the psychodynamic, trait, cognitive, behavioral, and humanistic perspectives. (F, Sp, Su)

PSY 2503 Computing for Behavioral Sciences 3 Credit Hours

Students will learn to identify the parts and functions of personal computers. Building on that basic knowledge, such topics as developing and publishing a web page, collecting data from participants through the web, and using the advanced features of Excel for statistical analysis will be covered. Programming languages will include HTML and JavaScript. (F, Sp, Su)

PSY 2603 Lifespan Development 3 Credit Hours

Prerequisite: PSY 1113. Survey of the psychological changes across the life span; the changes in cognitive, social, emotional, and physiological development from conception to death will be included. (F, Sp, Su)

PSY 2970 Special Topics 1-3 Credit Hours

1 to 3 hours. Prerequisite: May be repeated; maximum credit nine hours. Special topics course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research, and field projects. (Irreg.)

PSY 3003 Advanced Undergraduate Statistics 3 Credit Hours

Prerequisite: PSY 2003 or PSY 2113. Review of previous material, SAS, multiple comparisons, two-way ANOVA, power calculations, repeated measures designs, multiple linear regression, general linear model, nonparametric methods. Designed to help students prepare for graduate statistics courses. (Irreg.)

PSY 3083 Animal Behavior 3 Credit Hours

(Crosslisted with BIOL 3083) Prerequisite: BIOL 3013 or permission of instructor. Animal behavior from an evolutionary perspective. The effects of natural selections on mechanisms underlying behavior and on diversity of behavior among and within species. (F, Sp)

PSY 3114 Research Methods: Applications and Experimental Design 4 Credit Hours

Prerequisite: Major in Psychology; PSY 1113; PSY 2003 or PSY 2113. Examines how new discoveries are made in psychology through the scientific method. Primary goal is to prepare students to conduct an independent research project to address a theoretical question, analyze and interpret the data, and present the data to others in both written and oral form. Laboratory. (F, Sp, Su)

PSY 3203 Cognitive Psychology 3 Credit Hours

Prerequisite: PSY 1113. Surveys how people extract relevant information from their environment and store, retrieve and utilize such information at a later time. Topics will include memory storage and retrieval, attention, imagery, mnemonic devices and other cognitive processes. (F, Sp, Su)

PSY 3313 Positive Psychology 3 Credit Hours

Prerequisite: PSY 1113. Survey of positive psychology—the scientific study of the conditions and processes that contribute to the flourishing or optimal functioning of people, groups, and institutions. Topics include research methods, models of well-being, positive emotions, positive relationships, engagement and flow, self-regulation and grit, goals and habits, optimism and hope, as well as applications and interventions.

PSY 3323 Experiencing Psychology in the Classroom 3 Credit Hours

Prerequisite: PSY 1113 or equivalent and permission of instructor; may be repeated; maximum credit 6 hours. In this course, students will explore the principles of evidence-based pedagogy, classroom management, and effective communication while serving as an Undergraduate Teaching Assistant (UTA) in PSY 1113 Elements of Psychology. Students will develop essential skills and knowledge required to effectively support the Elements of Psychology Coordinator and contribute to the learning experience of their peers. (F)

PSY 3440 Mentored Research Experience 3 Credit Hours

0 to 3 hours. Prerequisite: PSY 1113 or equivalent, and permission of instructor; May be repeated; maximum credit 12 hours. For the inquisitive student to apply the scholarly processes of the discipline to a research or creative project under the mentorship of a faculty member. Student and instructor should complete an Undergraduate Research & Creative Projects (URCP) Mentoring Agreement and file it with the URCP office. Not for honors credit. (F, Sp, Su)

PSY 3613 Developmental Psychology: Infancy through Adolescence 3 Credit Hours

Prerequisite: PSY 1113; PSY 2003 or PSY 2113, or permission of instructor. Introduces themes, theories, and scientific research on cognitive, social, and emotional development from infancy through adolescence. Explores fundamental psychological questions of how we become who we are, what factors cause children's development of behavior and mind, and what leads to the diversity of developmental outcomes. No student may earn credit for both PSY 2603 and PSY 3613. (Irreg.)

PSY 3703 Social Psychology 3 Credit Hours

Prerequisite: PSY 1113. The science of how people think and feel about, relate to, and influence one another. Topics include classic and contemporary research on stereotypes, persuasion, attitude change, emotions, the self-concept, aggression, impression formation, and altruism, among others. (F, Sp, Su)

PSY 3753 Introduction to Industrial Organizational Psychology 3 Credit Hours

Prerequisite: PSY 1113 and PSY 2003 or PSY 2113 or permission of instructor. Industrial Organizational psychology covers psychological theories and their practical applications to the workplace. The course covers issues of critical relevance to the well-being of individuals and organizational performance. Topics include, but are not limited to, motivation, selection, training, assessment, performance management, satisfaction, teams, and leadership. (F, Sp, Su)

PSY 3803 Physiological Psychology 3 Credit Hours

Prerequisite: PSY 1113 or equivalent; and BIOL 1114 or BIOL 1124 or equivalent. Provides an introduction to physiological and neurological foundations of behavior. Some emphasis will be placed on contemporary issues and theoretical models. (F, Sp)

PSY 3960 Honors Reading 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program, PSY 2003 or PSY 2113, and permission of department. May be repeated; maximum credit six hours. Will consist of topics designated by the instructor in keeping with the student's major program. The topics will cover materials not usually presented in the regular courses. (F, Sp, Su)

PSY 3970 Honors Seminar 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program; PSY 2003 or PSY 2113. May be repeated; maximum credit six hours. The projects covered will vary. The content will deal with concepts not usually presented in regular coursework. (Irreg.)

PSY 3980 Honors Research 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program, PSY 2003 or PSY 2113, and permission of department. May be repeated; maximum credit six hours. Will provide an opportunity for the gifted Honors candidate to work at a special project in the student's field. (F, Sp, Su)

PSY 3990 Independent Study 1-3 Credit Hours

1 to 3 hours. Prerequisite: one course in general area to be studied, PSY 2003 or PSY 2113, and permission of department. May be repeated; maximum credit, six hours. Contracted independent study for topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (F, Sp, Su)

PSY 4023 Psychological Test and Measurements 3 Credit Hours

Prerequisite: PSY 1113, and PSY 2003 or PSY 2113; and junior standing. An introduction to the measurement of human behavior. Special emphasis is given to tests of intelligence, achievement, personality, and interest. (Irreg.)

PSY 4113 Capstone Survey of Major Fields in Psychology 3 Credit Hours

Prerequisite: Major in Psychology; PSY 3114 or permission of instructor; senior standing. Lecture-based course focusing on major areas of psychology. Attempts to instill in the student an understanding of the integration and diversity of the field of psychology. Content and title vary with instructor. (F, Sp) [V].

PSY 4143 Capstone Service Learning 3 Credit Hours

Prerequisite: Major in Psychology; PSY 2403, PSY 3114, PSY 4453; senior standing and permission of instructor. Students apply learning from other courses to a project of significant community need. Classes are held both on campus and on-site. Students will develop a written description of the experience and the psychological principles applied. (F, Sp) [V].

PSY 4153 History of Psychology 3 Credit Hours

Prerequisite: PSY 1113 and majors only. Survey of psychology's history, from early philosophical roots to the modern era. Special emphasis placed on historical trends, schools of thought, and important figures. (F)

PSY 4243 Decision Making and Problem Solving 3 Credit Hours

Prerequisite: PSY 2003 or PSY 2113, and PSY 3203. Review of issues in inductive thinking, deductive reasoning, inference generation, problem solving, insight, expertise, algorithms, and heuristics. The emphasis will be on current research investigations. (Irreg.)

PSY G4253 Selected Topics in Cognitive Science 3 Credit Hours

Prerequisite: PSY 1113 and PSY 3114 and PSY 3203, and PSY 2003 or PSY 2113; or permission of instructor. May be repeated with change of content; maximum credit 6 hours. Seminar focusing on specific issues in cognitive science. Topics include memory representation and retrieval, symbol and referent processing, knowledge structure, expert and novice differences, imagery, and others. (Irreg.)

PSY 4263 Psychology and Law 3 Credit Hours

Prerequisite: 3114. Examines some of the most important points of contact between the fields of psychology and the law, including eyewitness identification, the prison system, juries, and confessions and interrogations. (Irreg.)

PSY 4283 Neural Bases of Perception and Cognition 3 Credit Hours

Prerequisite: Junior standing; PSY 1113, PSY 2003, and PSY 3114; PSY 3203, PSY 3803, or permission of instructor. Survey of the ways in which the structures and functions of the nervous system support psychological experience, including basic perception, attention, memory, and complex cognition. Topics to be emphasized may vary by semester. (Irreg.)

PSY G4313 Motivation 3 Credit Hours

Prerequisite: PSY 2003 or PSY 2113. Primary motivational states and learned motivational states (e.g., fear, frustration, anxiety, etc.) will be considered as well as emotion and curiosity. Topics of current interest in both human and animal motivation will also be covered. (Irreg.)

PSY 4333 Psychology of Death & Dying 3 Credit Hours

Prerequisite: PSY 1113. Examines theory, research, and issues in the psychology of death and dying. Topics may include the development of death concepts, death anxiety in society the needs of the dying person, the psychology of grieving, and unexpected losses. (Irreg.)

PSY 4343 Health Psychology 3 Credit Hours

Prerequisite: Major in Psychology; PSY 1113 or an introductory Biology course. Health psychology examines the bi-directional relationship between psychology and health. Topics include, but are not limited to, physiological and psychological factors that influence perceptions of stress, the links between stress and illness, the psychosocial influences on health enhancing and health compromising behaviors, adjustment to illness and coping, pain, sociocultural factors and health, and personality and health. (F, Sp, Su)

PSY G4403 Advanced Personality 3 Credit Hours

Prerequisite: PSY 1113, PSY 2403, and junior standing or permission of instructor. Advanced personality course focusing on modern and current theoretical and empirical research. Introduces the research methods personality psychologists use to make substantive contributions to the scientific understanding of human thoughts, feelings, and behaviors. Topics include (but are not limited to) field dependence, autonomy, sex/gender, subjective well-being, dominance, leadership, sensation-seeking, risk-taking, pain tolerance, sensation reducing/augmenting, and locus of control. (Irreg.)

- PSY 4413 Behavioral Addictions 3 Credit Hours**
Prerequisite: major in Psychology; PSY 1113. This course provides a conceptualization of behavioral addictions and brief overview of the varied forms of addictive behaviors and treatments, including gambling, online gaming, food addiction, pornography addiction, sex addiction, compulsive shopping, Internet addiction, and a variety of impulse control disorders, among others. Attention is given to the relationship between behavioral addictions and substance addictions across a number of domains. (Irreg.)
- PSY 4423 Eating Disorders 3 Credit Hours**
Prerequisite: major in Psychology; PSY 1113. Eating Disorders provides an introduction to the characteristics and criteria associated with a variety of forms of disordered eating. It covers Pica, Avoidant-Restrictive Food Intake Disorder, anorexia nervosa, bulimia, binge eating disorder, and compulsive overeating, among others, and overviews key features of their causes, presentation, and treatment. (Irreg.)
- PSY 4433 Clinical Psychology 3 Credit Hours**
Prerequisite: Major in Psychology; PSY 1113, PSY 2003 or 2113, and PSY 4453. A survey of the field of Clinical Psychology. Topics include but are not limited to the following: Current Issues in the field, such as training and ethics; Psychological assessment; and Psychotherapy. Evidence-Based Practice in Psychology (EBPP) is emphasized. (F, Sp)
- PSY 4443 Law, Counseling, & Psychology 3 Credit Hours**
Prerequisite: PSY 1113 and PSY 2003; junior standing. This course deals with topics at the interface of psychology, counseling, and the law. There are many points of contact between these fields, including eyewitness identification, confessions, and interrogations, forensic confirmation biases, jury decision-making, the death penalty, the impact of and rationale for incarceration, evaluation of competency, mental illness, deception detection, plea bargains, the impact of race, etc. (Irreg.)
- PSY 4453 Abnormal Psychology 3 Credit Hours**
Prerequisite: PSY 1113 and PSY 2003; or permission of instructor. An examination of the major clinical and research findings in the field of abnormal psychology. Topics include studies of conflict, anxiety, neurosis, character disorders, schizophrenia, and psychotherapy. (F, Sp)
- PSY 4510 Applications of Psychology Practicum 1-3 Credit Hours**
1 to 3 hours. Prerequisite: PSY 2003 or PSY 2113, 12 hours of psychology, permission of instructor. May be repeated; maximum credit six hours; undergraduates limited to two enrollments. Individualized field experiences in an area of interest in psychology. (F, Sp)
- PSY 4523 Sport & Exercise Psychology 3 Credit Hours**
Prerequisite: PSY 1113, and PSY 2003 or PSY 2113, and junior standing; or instructor permission. Course discusses how psychological principles can be used by physical educators, coaches, and athletes in everyday situations and to cultivate peak performance and personal growth, and also many practical issues relevant to students, such as anxiety and stress; confidence and coping strategies; skill acquisition and training; attention control; goal setting; self-regulation; coaching and leadership, cohesion; burnout; injuries; and career options. (Irreg.)
- PSY 4613 Current Topics in Developmental Psychology 3 Credit Hours**
Prerequisite: PSY 2003 or PSY 2113, and PSY 2603 or PSY 3613; or permission of instructor. May be repeated with change of content; maximum credit 6 hours. An advanced seminar dealing with contemporary issues in developmental psychology. Content will vary with the instructor. (Irreg.)
- PSY 4633 Social and Personality Development 3 Credit Hours**
Prerequisite: PSY 1113, and PSY 2603 or PSY 3613. Explores theory and research in social and personality development from infancy through adolescence. Topics covered include attachment, temperament, emotional development, moral development, peer relationships, gender development, prosocial and antisocial behavior, and the influence of parenting, child care, and other important developmental contexts on the behavior and adjustment of children and adolescents. (Irreg.)
- PSY 4653 Cognitive Development 3 Credit Hours**
Prerequisite: PSY 2603 or PSY 3613. This course explores classic and contemporary theory and research on cognitive development from infancy through adolescence, including perceptual development, attention and memory, conceptual development, language, and social cognition. (F, Sp)
- PSY 4673 Psychology of the Family 3 Credit Hours**
Prerequisite: PSY 2603. This course addresses family structure and functioning as they affect human development from pregnancy through adulthood. Topics covered include the influence of parents, siblings, and grandparents; childless and childfree families; and family resilience. (F, Sp)
- PSY 4703 Psychology of Leadership 3 Credit Hours**
Prerequisite: major in Psychology, senior standing or permission of instructor. Provide students with an understanding of the psychological principles underlying leadership in government, industry, and society. Review psychological research on leadership and management, examining topics such as leadership skills, leading changes in organization, leader-follower relationships, and leadership tactics. Students will participate in various exercises to analyze leadership strategies and assess their potential strengths and weaknesses as leaders. (Sp)
- PSY 4713 Prejudice and Civil Rights 3 Credit Hours**
Prerequisite: PSY 1113. The Psychology of Prejudice and Civil Rights examines systems of privilege, oppression, and institutionalized discrimination that influence and help maintain racism, sexism, heterosexism, and classism and their psychological consequences on the individual and society. This course is designed to acquaint you with a modern conceptualization of these issues and provide you with a more comprehensive understanding of this field. (Irreg.)
- PSY 4723 Moral Psychology 3 Credit Hours**
Prerequisite: Junior Standing. This course focuses on moral behavior and reasoning informed by empirical science and philosophy. Topics may include moral motivation, moral responsibility, character traits, virtues, cross-cultural differences, reactive attitudes, moral development, and applied issues. (Irreg.)
- PSY 4733 Selected Topics in Social Psychology 3 Credit Hours**
Prerequisite: junior standing or permission of instructor. May be repeated once with change of topic; maximum credit six hours. Content varies with the instructor. Deals with central topical areas of study in social psychology (i.e., attitudes and social cognition; person perception; groups and group dynamics; or theory construction). (Irreg.)
- PSY 4763 Work, Stress, and Health 3 Credit Hours**
Prerequisite: PSY 1113; PSY 2003 or PSY 2113; and PSY 3753. This Work, Stress, and Health course is the interdisciplinary study of how psychological factors influence employee health and wellness in the workplace. (Irreg.)

PSY 4793 Psychology of Groups**3 Credit Hours**

Prerequisite: 1113. Provides students with an understanding of the psychological principles underlying group behavior. Topics covered will include group formation and development, cohesion and norms, social influence, power, inter-group relations, stereotyping and prejudice, group decision making, diversity within groups, stigma in the workplace, social identity, leadership in groups, group performance, and staffing organizational groups. (Irreg.)

PSY 4863 Sensation and Perception**3 Credit Hours**

(Slashlisted with PSY 5863) Prerequisite: PSY 1113; BIOL 1114 or BIOL 1124. This course provides an overview of the human sensory systems and how they contribute to and are interpreted by the human brain in the act of perception. Students will develop a greater appreciation of the vast array of sensory experiences possible across sensory systems and species, as well as how perception molds those sensations to actively "create" our world. No student may earn credit for both 4863 and 5863. (Irreg.)

PSY 4910 Instructional Aides**1-3 Credit Hours**

1 to 3 hours. Prerequisite: PSY 1113 and PSY 2003 or PSY 2113; junior standing (or honors students); majors with grade point averages of at least 3.00 and acceptance of an application, or by invitation by faculty member. May be repeated once, maximum credit six hours. Designed for students contemplating graduate school to offer experience in all aspects of instruction. Individual assignments of special instructional tasks in psychology. Supervised instructional experience will be part of each enrollment. (F, Sp, Su)

PSY 4920 Current Topics in Basic and Applied Psychology**1-3 Credit Hours**

1 to 3 hours. Prerequisite: PSY 1113, and PSY 2003 or PSY 2113; May be repeated with change of content; maximum credit 9 hours. Content and number of credit hours varies with instructor and section. Focus on current topics in psychology not covered in existing course offerings. Intended for purpose of offering high interest course topics during regular semester, summer, and intersession. (F, Sp, Su)

PSY G4940 Seminar in Psychology**1-3 Credit Hours**

1 to 3 hours. Prerequisite: PSY 1113, and PSY 2003 or PSY 2113; and junior standing; or departmental permission. May be repeated with change of content; maximum credit 6 hours. Advanced seminar dealing with contemporary issues and problems in psychology. Content varies with instructor. (F, Sp, Su)

PSY 4960 Directed Readings**1-4 Credit Hours**

1 to 4 hours. Prerequisite: good standing in University; permission of instructor and dean. May be repeated; maximum credit four hours. Designed for upper-division students who need opportunity to study a specific problem in greater depth than formal course content permits. (Irreg.)

PSY 4970 Special Topics**1-3 Credit Hours**

Special Topics. 1 to 3 hours. Prerequisite: Junior standing or permission of instructor. May be repeated; Maximum credit nine hours. Special topics course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research, and field projects. (Irreg.)

PSY 4990 Independent Study**1-3 Credit Hours**

1 to 3 hours. Prerequisite: PSY 2003 or PSY 2113, PSY 3114, three courses in general area to be studied, and permission of instructor. May be repeated; maximum credit six hours. Contracted independent study for topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (F, Sp, Su)

PSY 5003 Psychological Statistics I**3 Credit Hours**

Prerequisite: graduate standing and undergraduate statistics course, or permission of instructor. Applied statistics with emphasis upon statistical problems in behavioral sciences research. Includes probability, descriptive statistics, estimations and test of hypotheses. Techniques covered in depth include t-test, one and two factor ANOVA methods, multiple comparison methods (e.g., Scheff, Tukey, Ryan, etc.), and the robustness of these techniques to violation of their assumptions.

PSY 5013 Psychological Statistics II**3 Credit Hours**

Prerequisite: 5003 or equivalent, or permission of instructor. The general linear model is covered as it applies to the analysis of variance including fixed, mixed, and random models, individual comparisons, analysis of covariance, and multiple regression. Also, some nonparametric techniques are discussed including chi-square and distribution free procedures.

PSY 5203 Survey in Cognitive Psychology**3 Credit Hours**

Prerequisite: graduate standing or permission. Survey of the field of cognitive psychology designed to provide a foundation for the study of human higher mental processes. Topics include: pattern recognition, attention, episodic memory, semantic memory, psycholinguistics, comprehension, reasoning, decision making and problem solving.

PSY 5280 Seminar in Cognitive Processes**1-4 Credit Hours**

1 to 4 hours. Prerequisite: 5203 or permission of instructor. May be repeated with change of subject matter; maximum credit six hours. Considers special topics in cognitive psychology emphasizing recent research literature.

PSY 5403 Survey in Developmental Psychology**3 Credit Hours**

Prerequisite: graduate standing in the department or permission of instructor. Survey of classic and contemporary research in developmental psychology. (Irreg.)

PSY 5423 Current Theories in Social Psychology**3 Credit Hours**

Prerequisite: graduate standing and permission of instructor. An overview of current theory and research in social psychology, including such topics as motivated cognition, automatic and controlled processing, stereotyping, impression formation, attributions, the self-concept and self-regulation, relationships, emotions, attitudes, altruism, and aggression. (Irreg.)

PSY 5703 Survey of Industrial Psychology**3 Credit Hours**

Prerequisite: Graduate standing. This course is intended to provide an overview of the key principles and practices of Industrial/Organizational psychology with an emphasis on work analysis and the selection, assessment, and development of human resources. This course will also examine legal and ethical issues faced by I/O psychologists as well as strategic workforce planning. (Irreg.)

PSY 5713 Training and Development**3 Credit Hours**

Prerequisite: 5703. Design and development of training courses as well as practical considerations in the delivery of training in organizational settings. (Sp)

PSY 5723 Selection and Assessment in Organizations**3 Credit Hours**

Prerequisite: 5703. Covers a variety of substantive topics including; the choice and design of personnel selection tools, validation of employment tests, legal issues regarding personnel assessment and selection, assessment of intelligence, experience, personality and integrity, the use of common assessment methods such as situational judgment tests, interviews, biodata, and assessment centers, frame-of-reference training, theoretical and empirical literature regarding assessment center technology, and development and administration of an assessment center. (Irreg.)

PSY 5733 Techniques in Industrial and Organizational Psychology**3 Credit Hours**

Prerequisite: 5703. Provides an overview of how to develop and apply several methodologies and techniques that I/O psychologists commonly use to address organizational needs. During this course we will explore topics such as basic consulting skills, job analysis, individual assessment and selection, biodata, performance appraisal, and organizational surveys. Some basic familiarity with these areas is assumed. This class focuses on how to develop and implement these types of applications in organizational settings. (Irreg.)

PSY 5743 Survey of Organizational Psychology**3 Credit Hours**

Prerequisite: Graduate standing. The purpose of this course is to provide a broad overview of important topics defining organizational psychology and organizational behavior from a psychological perspective, covering topics such as organizational socialization, commitment, networks and culture, conflict and negotiation, organizational change, and counterproductive work behavior. (Irreg.)

PSY 5753 Cognition in Organizations**3 Credit Hours**

Prerequisite: Graduate standing. Organizational cognition has become a key sub-discipline in the fields of organizational behavior and organizational psychology. This course will examine the nature of knowledge in organizations and how this knowledge is used in decision-making. It will also examine key cognitive processes (e.g. creative problem solving processes, forecasting, causal analysis) involved in organizational cognition along with key applications. (Irreg.)

PSY 5763 Individual Differences**3 Credit Hours**

Prerequisite: Graduate standing. Understanding of the sources of human variation provides a basis for many psychology-based interventions. This course reviews critical findings, major theories, and research methods employed in studying the major content areas involved in the study of individual differences, covering general domains such as cognitive, motivational, dispositional/trait, and group-based individual differences. (Irreg.)

PSY 5783 Seminar in I/O Psychology**3 Credit Hours**

Prerequisite: Graduate standing; May be repeated with change of topic; maximum credits 12 hours. The purpose of this course is to provide a general course number that can be repeated with a change of content. A variety of courses will be taught under this number such as Organizational Cognition, Organizational Ethics, Innovation in Organizations, and Individual Differences. (Irreg.)

PSY 5863 Sensation and Perception**3 Credit Hours**

(Slashlisted with PSY 4863) Prerequisite: Graduate Standing; introductory biology recommended. This course provides an overview of the human sensory systems and how they contribute to and are interpreted by the human brain in the act of perception. Students will develop a greater appreciation of the vast array of sensory experiences possible across sensory systems and species, as well as how perception molds those sensations to actively "create" our world. No student may earn credit for both 4863 and 5863. (Irreg.)

PSY 5901 Foundations of Psychological Science I**1 Credit Hour**

Prerequisite: admission to graduate psychology program. Overview of current research in psychological science. Discussion of ethics, professional development, the pedagogical arts, methodology and grantsmanship. Participants complete a first year research project including a grant proposal, presentation at a professional meeting and presentation at departmental speaker series.

PSY 5911 Foundations of Psychological Science II**1 Credit Hour**

Prerequisite: 5901. Continuation of 5901. Advanced topics in professional development, research planning, funding and communication.

PSY 5960 Directed Readings in Psychology**1-4 Credit Hours**

1 to 4 hours. Prerequisite: graduate standing, permission of instructor, adviser and dean. Maximum credit nine hours. Supervised reading of selected topics in psychology by agreement of instructor and student. (F, Sp, Su)

PSY 5970 Pre-Master's Research in Psychology**1-4 Credit Hours**

Prerequisite: graduate standing; pre-master's status; permission of instructor. May be repeated; maximum credit nine hours. Supervised research in area agreed upon by student and instructor. Students conducting research for the master's thesis should enroll in 5980. (F, Sp, Su)

PSY 5980 Research for Master's Thesis**2-9 Credit Hours**

Variable enrollment, two to nine hours; maximum credit applicable toward degree, four hours. (F, Sp, Su)

PSY 5990 Independent Study**1-3 Credit Hours**

1 to 3 hours. Prerequisite: Graduate standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)

PSY 6013 Factor Analysis and Structural Equation Models**3 Credit Hours**

Prerequisite: 5003, 5013 or equivalent. Several exploratory factor analysis models are discussed including principle factors, maximum likelihood, and alpha-factors analysis. Factor-analytic-like models such as components analysis and image analysis are also covered. Offers an overview of the application of structural equations in the social sciences. (Irreg.)

PSY 6023 Psychometrics**3 Credit Hours**

Prerequisite: Graduate standing; PSY 5003, PSY 5013 or equivalent. Topics include classical test theory, item-sampling theories, latent ability test theory, item analysis and test validation. (Irreg.)

PSY 6063 Seminar in Quantitative Psychology**3 Credit Hours**

Prerequisite: 5013 or permission of instructor. May be repeated with change of topic; maximum credit 15 hours. The topic or topics to be covered depend upon the faculty member or members in charge of the seminar at the time it is offered.

PSY 6073 Experimental Design for Psychology**3 Credit Hours**

Prerequisite: 5003, 5013, or permission of instructor. Classical experimental design applied to research problems in the behavioral sciences; completely randomized, randomized blocks, factorial, Latin square, fractional factorial and repeated measures designs, confounding, and related topics are discussed. (F)

PSY 6223 Quantitative Models in Cognition**3 Credit Hours**

Prerequisite: 5203 or permission. Survey of quantitative models in cognition, with an emphasis on memory and reaction time. Techniques for model testing and development will be taught and supported by exercises.

PSY 6280 Advanced Seminar in Cognitive Processes**1-4 Credit Hours**

1 to 4 hours. Prerequisite: 5203 or permission. May be repeated with change of subject matter; maximum credit 12 hours. Special topics in human learning and memory or in memory and cognitive processes will be considered in detail, emphasizing recent research literature and development of research proposals. (Irreg.)

PSY 6323 Teaching in the Social Sciences**3 Credit Hours**

Prerequisite: Graduate standing and permission of instructor. The purpose of this course is to prepare you to excel as an independent instructor, whether you are teaching for the first time or already have experience as an instructor of record. The class is designed with a practical focus on preparing course materials, creating assignments, delivering content, managing interactions, and evaluating student work. (Sp)

PSY 6423 Seminar in Social Psychology**3 Credit Hours**

Prerequisite: graduate standing and permission of instructor. May be repeated with change of topic; maximum credit nine hours. Intensive study of major problem areas in social psychology, including intrapersonal processes, group dynamics, the self, and research methods. Course topic will vary. (Irreg.)

PSY 6433 Seminar in Theories of Personality**3 Credit Hours**

Prerequisite: graduate standing in Psychology or permission of instructor. May be repeated with change of topic; maximum credit 12 hours. Intensive exploration of both traditional and modern theories of personality. Examples from several major categories of personality theory are examined through intensive primary readings, writing, and discussion. (Irreg.)

PSY 6443 Stress, Health, and Identity**3 Credit Hours**

Prerequisite: Graduate standing or instructor permission. The focus of this course is to consider theoretical perspectives, methods, and research findings in the study of stress, health, and identity. Course content includes perspectives on stress, coping, and health; research on advancing health equity and justice; and multiple facets of identity as they relate to adjustment, well-being, and health from social and developmental psychology perspectives. (Irreg.)

PSY 6453 Seminar in Interpersonal Relationships**3 Credit Hours**

Prerequisite: Graduate standing and permission of instructor. Covers classic and contemporary theories and findings in the social psychological literature on interpersonal relationships, with a focus on the biological, motivations, social and personality factors that contribute to attraction, closeness, satisfaction, and stability in dyadic relationships. (Irreg.)

PSY 6643 Seminar in Developmental Psychology**3 Credit Hours**

Prerequisite: graduate standing or permission of instructor. May be repeated with change of topic; maximum credit 12 hours. Involves in-depth study of theory and research in major areas of developmental psychology, e.g., social cognition, peer relations, emotions, temperament and personality, morality, aggression, theory of mind. (Irreg.)

PSY 6703 Advanced Seminar in Industrial and Organizational Psychology**3 Credit Hours**

Prerequisite: 5703. May be repeated with change of content; maximum credit nine hours. Focus in-depth on one or more topics examining the area with respect to new theoretical developments and major research findings. Topics may include active, emergent research areas likely to lead to changes in theoretical and professional practice including motivation, team effectiveness, work and family issues, changes in job design, etc. (Sp)

PSY 6713 Leadership Theories, Research, and Practice**3 Credit Hours**

Prerequisite: 5703. This graduate seminar examines the theoretical and empirical research as well as case studies on a variety of topics in the field of leadership, leadership dyads, outstanding forms of leadership (transformational, charismatic, pragmatic), politics, leading innovation and change, assessing leadership effectiveness, gender and leadership, and cross-cultural leadership. (Irreg.)

PSY 6910 Readings in Psychology**1-4 Credit Hours**

1 to 4 hours. Prerequisite: advanced graduate standing (post-master's). May be repeated; maximum graduate credit nine hours. Supervised reading for advanced students. Topics chosen by agreement of instructor and student.

PSY 6923 History of Psychology**3 Credit Hours**

Prerequisite: graduate standing. Introduction to origin of modern psychology within science. Origins are examined from the ancient Greeks through philosophy, physiology, and astronomy. Special emphasis placed on the historical trends and the people involved.

PSY 6930 Res-Cognitive Process, Sensation-Perception, Physiological Psy**1-6 Credit Hours**

1 to 6 hours. Prerequisite: by permission of instructor only. May be repeated; maximum graduate credit eighteen hours. Supervised laboratory research on major projects in an area of mutual interest with a faculty member. Upon advice of the instructor involved, enrollment for work on minor research projects in the above areas may alternatively be in 4990. (F, Sp, Su)

PSY 6940 Research in Personality: Social and Developmental Psychology**1-6 Credit Hours**

1 to 6 hours. Prerequisite: by permission of instructor only. May be repeated; maximum graduate credit 18 hours. Supervised individual laboratory research on major projects in an area of mutual interest with a faculty member. Upon advice of the instructor involved, enrollment for work on minor research projects in the above areas may alternatively be in 4990. (F, Sp, Su)

PSY 6960 Research in Industrial and Organizational Psychology**1-6 Credit Hours**

1 to 6 hours. Prerequisite: 5703 and permission of instructor. May be repeated; maximum credit twelve hours. Provide guided research experiences preparatory for master's and doctoral degrees. Topics selected in consultation with faculty member may include leadership, management ethics, and motivation. Exposure to key aspects of the research process including literature reviews, study design, data analysis, report preparation, proposal writing, paper presentation, and article writing. (F, Sp, Su)

PSY 6970 Post-Master's Research in Psychology**1-4 Credit Hours**

Prerequisite: master's degree and permission of instructor. May be repeated; maximum credit 12 hours. Supervised research for advanced graduate students on major projects of mutual interest with a faculty member. (F, Sp, Su)

PSY 6980 Research for Doctoral Dissertation**2-16 Credit Hours**

2 to 16 hours. Prerequisite: Graduate standing and permission of instructor; may be repeated. Directed research culminating in the completion of the doctoral dissertation. (F, Sp, Su)

PSY 6990 Independent Study**1-3 Credit Hours**

1 to 3 hours. Prerequisite: Graduate standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)