

# PSYX - Psychology

## **PSYX 100IS Introduction to Psychology: 4 Credits (3 Lec, 1 Lab)**

Introduction to methods and approaches to psychology including exploration of problems in physiological psychology, learning, memory and information processing, abnormal behavior, and social psychology, with selected individual study of other areas related to the student's interests.

## **PSYX 110IS Honors Intro to Psychology: 4 Credits (3 Lec, 1 Lab)**

PREREQUISITE: Honors Standing. This course introduces students to the scientific method and its use to understand behavior, emotion, and cognition, and build theories and knowledge within key areas of psychological inquiry. A lab component offers hands-on experiences to demonstrate psychological ideas and principles

## **PSYX 194 Psychology Pathways: 1 Credits (1 Lec)**

(F, Sp) An introduction for new students to the contemporary areas of Psychology, professional pathways, and applications of Psychology.

## **PSYX 222 Psychological Statistics: 4 Credits (3 Lec, 1 Lab)**

PREREQUISITE: PSYX 100IS or PSYX 110IS; AND either M 105Q (formerly M 145Q), M 121Q, STAT 216Q, or Math Placement exam at level 4 or higher. For Psychology majors and minors only. Prerequisites are strictly enforced. Introduction to the design and analysis of psychological research. Topics include logic and philosophy of psychological research, conceptualizing research questions, hypothesis testing, data collection and analysis strategies used by researchers in psychology, and introduction to using statistical software for data analysis

## **PSYX 225 Research Design and Analysis: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 222. For Psychology majors and minors only. Continuation of PSYX 222. Topics include experimental, quasi-experimental, and non-experimental designs and methodological issues; assessing research questions; reliability and validity of psychological measures; ethics of psychological research; writing research reports; using statistical software for data analysis

## **PSYX 230 Developmental Psychology: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS preferred but not required. Human development across the lifespan using major theories of development including psychoanalytic, psychosocial, learning, and cognitive. Physical, cognitive, social, emotional, and personality development are explored from conception to death

## **PSYX 235D Contemporary Issues in Human Sexuality: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS preferred but not required. Issues of diversity and difference in human sexuality will be examined. The development and expression of sexual behavior as a complex sociocultural, biological, psychological, and historic phenomenon will be discussed. Course will examine sexual behavior and identity in both the majority culture and other cultures in the U.S. and world

## **PSYX 263CS The Psychology of Film: 3 Credits (3 Lec)**

PREREQUISITE: College Writing (W) and University Seminar (US) CORE. Uses psychological science to understand the persuasive power of media as portrayed in popular films. Evaluates the media's ability to both reflect and affect behavior. Focus is on contemporary themes such as aggression, drug use, sexuality, and prejudice

## **PSYX 274 Psychological Testing and Assessment: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 225. Principles of psychological testing and assessment as related to intelligence, aptitudes, attitudes, occupations, and personality. Topics include nature and types of psychological tests, test construction, test administration, basic psychometric theory, methods for estimating the reliability and validity of psychological tests, and ethical issues regarding psychological testing and assessment

## **PSYX 290R Undergraduate Research: 1-6 Credits (1-6 Other)**

Directed undergraduate research which may culminate in a written work or other creative project. Course will address responsible conduct of research. May be repeated.

Repeatable up to 99 credits.

## **PSYX 291 Special Topics: 1-4 Credits (1 Lec)**

PREREQUISITE: None required but some may be determined necessary by each offering department. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number

Repeatable up to 12 credits.

## **PSYX 292 Independent Study: 1-3 Credits (1 Other)**

PREREQUISITE: Consent of instructor. Directed research and study on an individual basis

Repeatable up to 6 credits.

## **PSYX 333 Psychology of Aging: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Surveys different domains in which human behavior is influenced by aging. Topics include the influence of age on cognitive processes (e.g., attention and memory), social processes (e.g., personality and wellbeing), and biological processes (e.g., brain-related changes). Aging interventions and optimal aging are also discussed

## **PSYX 335 Psychology of Gender: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Traditional and feminist perspectives on psychological needs and concerns specific to women, including gender stereotyping and beliefs, cognitive differences between the sexes, psychological disorders common to women, women's sexuality; and cultural and biological roles and norms

## **PSYX 340 Psychological Disorders: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS recommended but not required. (F, Sp, Su) Historical and current perspectives on psychopathology, including neuroscience, behavioral cognitive, psychodynamic, and humanistic/existential approaches. Traditional approaches and recent innovations in therapy and diagnosis are considered along with current diagnostic categories, especially DSM

## **PSYX 350 Physiological Psychology: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Introduction to the biological bases of behavior; brief review of functional neuroanatomy and physiology in relation to such topics as sensation, movement, motivation, emotion, sleep, learning and memory, consciousness, and abnormal behavior

## **PSYX 352 Comparative Psychology: 3 Credits (3 Lec)**

PREREQUISITES: PSYX 225 - Research Design & Analysis II. PSYX 350 - Physiological Psychology is preferred, but not required. This course focuses on the psychological study of animal behavior, including human behavior. Application of previously-learned statistical and methodological techniques to answer questions about animal behavior. Topics covered include communication, learning, aggression, play, and mating behavior

## **PSYX 354 Sensation & Perception: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. (F, Sp) Basic principles of sensory systems (with emphasis on the visual system), contemporary psychophysical procedures, and principles of perception

## **PSYX 358 Drugs and Behavior: 3 Credits (3 Other)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. This course examines the biological mechanisms drugs have on the body, brain, and behavior at low and high doses with an introduction to theoretical models of abuse and research behind the treatment of addiction. Includes a brief overview of the history of drugs and biological mechanisms necessary in understanding the functions of neurons, synapses, and functional brain regions

**PSYX 360 Social Psychology: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Experimental research and theoretical viewpoints in social psychology, including such topics as: interpersonal attraction, perception, aggression, attitudes and attitude change, altruism, group behavior, social influence, stereotypes and prejudice, and the self

**PSYX 370 Psychology of Learning: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Examines basic principles and theories of learning and motivation. Classical and operant conditioning, discrimination learning, incentive motivation, reward and punishment, and concept learning

**PSYX 375 Behavior Modification: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS, PSYX 270 or 370 preferred but not required. Human behavior change with emphasis on practical techniques for changing individual and group behavior in real-life situations

**PSYX 380 Memory & Cognition: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Theories and evidence concerning human information processing, focusing especially on attention and memory, problem solving, decision making, reasoning, and related topics

**PSYX 382 Forensic Psychology: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. This course examines the many areas of forensic psychology, or the application of psychological concepts and theories to the legal system. This interface will be explored with an emphasis on empirical research findings from cognitive, social, experimental, and clinical psychology. Topics covered will include the variety of roles that psychologists play in the criminal justice system; the identification and evaluation of criminal suspects; the accuracy of eyewitness memory; the process of jury selection and decision-making; mental illness, competency to stand trial, and the insanity defense; criminal sentencing; and offender rehabilitation

**PSYX 383 Health Psychology: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Introduction to health psychology, the scientific study of biological, behavioral, psychological, and social factors that impact the systems of the body and affect health. Helps prepare students for a variety of careers in helping professions, in addition to helping them to understand how the behaviors and psychological functioning of individuals are interlaced with physical health

**PSYX 384 Consciousness: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS, PSYX 350 recommended but not required. Theories and evidence concerning consciousness and altered states of consciousness, including dreaming, meditation, hypnosis, sensory deprivation, psychoactive drug effects, temporal experience, psychic phenomena, and related topics

**PSYX 385 Psychology of Personality: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Theories and evidence on processes that underlie consistent and enduring differences in behavior, cognition, and affect. Topics include emotion, motivation, temperament, inner experience, identity and the self, personality change, the influence of sociocultural context, and related topics

**PSYX 400 History & System in Psychology: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Examination of the historical development of major concepts, theoretical ideas, and approaches to psychology, with emphasis on perspectives of broad current interest such as behavioral science, cognitive science, and neuroscience

**PSYX 401 Advanced Research Design & Analysis: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 225 and PSYX 402. (Sp) Co-convened with PSYX 501

**PSYX 402 Advanced Design/Statistics I: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 222 and PSYX 225, both with a grade of C or higher. (F) This is the first course in a sequence on advanced research design and statistical analysis in psychological science. Topics include designs, methodological issues, hypothesis testing, basic (e.g., t-tests, ANOVA) and advanced statistical tests (e.g., factorial ANOVAs, ANCOVA, and Multiple Regression). This is the first course in Advanced Research Design and Analysis. The second is PSYX 501. Co-convened with PSYX 502

**PSYX 428 Integrated Mental Health Practices: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS and/or PSYX 340 recommended, but not required. This course offers an opportunity to take mental health assessments in crisis to help enhance changes for patients in an integrated setting. Providing a foundation of therapeutic rapport to help provide evidence based approaches for change

**PSYX 429 Eating Disorders: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Eating Disorders provides an introduction to the characteristics and criteria associated with a variety of eating disorders. It covers Pica, Avoidant-Restrictive Food Intake Disorder, anorexia nervosa, bulimia, binge eating disorder, and compulsive overeating, and overviews of their causes, presentation, and treatment

**PSYX 443 Collective Memory: 3 Credits (3 Other)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Collective Memory is the study of memory in social contexts. This class will focus on psychological processes of small group memory research and how those processes build up to larger scale collective memories. Specific topics include collaborative remembering and forgetting, autobiographical memory, flashbulb memory, national identity, and cultural differences in memory for historical events. Each class, we will read and discuss research articles to understand and critique what past researchers have shown, what the current thinking is about each issue, and to suggest ideas for future research

**PSYX 461 Indust & Organiz Psych: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Basic concepts and theoretical frameworks for the fundamental areas of industrial and organizational psychology. Topics include history of I/O psychology, personnel selection, psychological testing, personnel training, performance appraisal, managerial decision making, job satisfaction, work motivation, leadership, job stress, organizational conflict, job design, and organizational development

**PSYX 462 Psychology of Prejudice: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or consent of instructor. Reviews theory and research on prejudice. Topics include stereotyping and discrimination, cognitive and affective dynamics of prejudice, causes of prejudice, eliminating prejudice, affirmative action and diversity programs, and psychological effects of prejudice

**PSYX 463 Social Cognition: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. Addresses how fundamental cognitive processes (e.g., concept activation, attention, memory) influence social behavior and thought. Topics include impression formation, mental simulations of alternative realities, nonconscious mental processes, subliminal stimuli, mental representations, stereotypes, and heuristics and biases

**PSYX 475 Advanced Behavior Analysis: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS; and PSYX 370 or 375. Advanced Behavior Analysis is designed to deepen students' understanding of antecedent stimuli, behaviors, and consequences. Functional behavioral assessments, systems for increasing appropriate behavior, and ways of promoting generalization will be described. Ethical considerations of Applied Behavioral Analysts will be discussed

**PSYX 477 Science of Psych Well-Being: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS. The Science of Psychological Well-Being examines topics under the rubric of Positive Psychology. Positive psychology focuses upon identifying, researching, and promoting the development of human strengths, thereby shifting the focus in psychology from psychopathology to human growth and potential

**PSYX 481 Judgment & Decision Making: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS; PSYX 380 recommended but not required. Theories and evidence on the psychology of judgment and decision making, including rationality, normative rules for choice, irrationality of some human judgments, and group decision making. Applications of decision theory at the personal, organizational, and societal levels are reviewed

**PSYX 482 Psycholinguistics: 3 Credits (3 Lec)**

PREREQUISITE: PSYX 100IS or PSYX 110IS; PSYX 380 preferred but not required. Examines the psychological processes that make it possible for humans to learn and acquire language. Emphases on how spoken and written language is understood, how speech is produced, and how language is acquired

**PSYX 490R Undergraduate Research: 1-6 Credits (1 Other)**

PREREQUISITE: Junior or Senior standing, PSYX 225 and consent of instructor. Directed undergraduate research/creative activity which may culminate in a research paper, journal article, or undergraduate thesis. Course will address responsible conduct of research. May be repeated Repeatable up to 12 credits.

**PSYX 491 Special Topics: 1-4 Credits (1 Lec)**

PREREQUISITE: Course prerequisites as determined for each offering. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number Repeatable up to 12 credits.

**PSYX 492 Independent Study: 1-3 Credits (1 Other)**

PREREQUISITE: Junior standing, consent of instructor. Directed research and study on an individual basis Repeatable up to 6 credits.

**PSYX 494 Seminar: 3 Credits (3 Other)**

PREREQUISITE: PSYX 100IS. Topics in current Psychological Science offered at the upper division level that are not covered by cataloged courses. Topics vary each semester. Students participate in preparing and presenting discussion material based on primary journal articles Repeatable up to 6 credits.

**PSYX 495 Field Pract in Applied Psy: 3-12 Credits (3 Other)**

PREREQUISITE: PSYX 225 or Consent of Instructor. Field Practicum gives psychology majors direct experience in applied settings relevant to psychology. Students arrange an internship and submit progress reports summarizing their field experience while relating it to psychological principles and readings. Graded A – F Repeatable up to 12 credits.

**PSYX 499R Senior Thesis/Capstone: 3 Credits (3 Other)**

PREREQUISITE: PSYX 225, and either PSYX 490R or PSYX 495 (minimum 3 cr). Senior capstone course. Written and oral presentation of senior thesis work

**PSYX 501 Adv Rsch Design & Analysis: 3 Credits (3 Lec)**

PREREQUISITE: Graduate standing or PSYX 502. (F, Sp) Advanced topics in the design and analysis of psychological research

**PSYX 502 Advanced Design/Stat I: 3 Credits (3 Other)**

PREREQUISITE: Graduate standing in psychological science or PSYX 222 and a 3.25 GPA and consent of instructor. (F) This is the first course in a sequence on advanced research design and statistical analysis in psychological science. Topics include designs, methodological issues, hypothesis testing, basic (e.g., t-tests, ANOVA), and advanced statistical tests (e.g., factorial ANOVAs, ANCOVA). This is the first course in Advanced Research Design and Analysis. The second is PSYX 501. Co-convened with PSYX 402

**PSYX 503 Structural Equation Models: 3 Credits (3 Other)**

PREREQUISITE: Graduate standing, PSYX 501, PSYX 502, and consent of department. Introduces students to the theoretical perspectives and practical application of Structural Equation Modeling (e.g., latent variable analysis, confirmatory factor analysis, path analysis, and causal modeling) as applied in Psychological Science and builds upon student's previous knowledge of multivariate statistical techniques

**PSYX 505 Teaching of Psychology: 1 Credits (1 Lec)**

PREREQUISITES: Graduate standing in Psychology or consent of instructor. Theory and practice in selecting, organizing and presenting psychological science to undergraduates. Development of skills for lecture, discussion, student participation and laboratory teaching, including uses of current technologies. (May be repeated once)

Repeatable up to 2 credits.

**PSYX 510 Topics in Psychological Science: 3 Credits (2 Lec, 1 Other)**

PREREQUISITE: Graduate standing or consent of instructor Recent advances in topics in Psychological Science with emphasis in different years on either biological, social, or cognitive psychology. (Maximum 9 credits).

Repeatable up to 9 credits.

**PSYX 539 Physiological Processes: 3 Credits (3 Lec)**

PREREQUISITE: Graduate standing or consent of instructor. Overview of research methods and relevant aspects of neurophysiology, neuroanatomy and neuropsychology. Applications of prior work to the problem of discovery in biopsychology

**PSYX 541 Cognitive Processes: 3 Credits (3 Lec)**

PREREQUISITE: Graduate standing or consent of instructor. Theories, methods, findings, and applications concerning memory and cognitive processes

**PSYX 542 Learning: 3 Credits (3 Lec)**

PREREQUISITE: Graduate standing or consent of instructor. Principles and theories of learning and motivation. Topics include conditioning, learning, incentive motivation, reward and punishment. Application to organizational and human resource management problems

**PSYX 543 Memory: 3 Credits (3 Lec)**

PREREQUISITE: Graduate standing or consent of instructor. Theories and applications of human memory from cognitive psychological perspective. Topics include memory in social, legal, and educational contexts; memory conformity; memory across the lifespan, memory and expertise; autobiographical memory; metamemory; and forgetting

**PSYX 544 Social Psychology: 3 Credits (3 Lec)**

PREREQUISITE: Graduate standing or consent of instructor. Advanced experimental and applied research and theoretical viewpoints in social psychology. Topics include social cognition, interpersonal attraction, aggression, attitudes and attitude change, the self, group dynamics, stereotypes and prejudice, and social influence

**PSYX 546 Social Cognition: 3 Credits (3 Lec)**

PREREQUISITE: Graduate standing. This course examines decision making, judgment, cognition, and affect from a social-cognitive perspective. Topics may include theory development, stereotypes, prejudice and discrimination, group behavior, attitudes and attitude change, mood and affect, heuristics and biases, memory, the self, and decision making. The primary goal is to understand theory and research in social cognition

**PSYX 562 Psychology of Prejudice, Stereotypes, Discrimination and Stigma: 3 Credits (3 Other)**

PREREQUISITE: Graduate standing, or approval from course instructor. Advanced theoretical, experimental and applied research emphasizes distinctions among stereotypes, prejudice, discrimination, and stigma. Theories, methods, and findings from classic and modern day scholars are used to understand the who, when, and why people are prejudice and the impacts on and experiences of the stigmatized

**PSYX 575 Professional Paper and Project: 1-6 Credits (1 Other)**

PREREQUISITE: Graduate standing. A research or professional paper dealing with a topic in the field. The topic must have been mutually agreed upon by the student and his or her major advisor and graduate committee Repeatable up to 6 credits.

**PSYX 584 Stress and Health: 3 Credits (1 Lec, 2 Other)**

PREREQUISITES: Graduate Standing or consent of Instructor required An interdisciplinary course that will consider the impact of stress on physiology, behavior and health. The lectures and discussions will be focused on the multidirectional relationships between psychological stress, biological processes, behavior and the social environment.

**PSYX 589 Graduate Consultation: 3 Credits (3 Other)**

PREREQUISITE: Graduate standing and approval of The Graduate School. This course may be used only by students who have completed all of their course work (and thesis, if on a thesis option) for a master's degree but who need additional faculty help or time

**PSYX 590 Master's Thesis: 1-10 Credits (1 Other)**

PREREQUISITE: Graduate standing Repeatable up to 15 credits.

**PSYX 591 Special Topics: 1-4 Credits (1 Lec)**

PREREQUISITE: Graduate standing and consent of instructor. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number Repeatable up to 12 credits.

**PSYX 592 Independent Study: 1-6 Credits (1 Other)**

PREREQUISITE: Graduate standing, consent of instructor. Directed research and study on an individual basis Repeatable up to 6 credits.

**PSYX 594 Seminar: 3 Credits (3 Other)**

PREREQUISITE: Graduate standing or consent of instructor. Topics offered at the graduate level which are not covered in regular courses. Students participate in preparing and presenting discussion material Repeatable up to 9 credits.

**PSYX 689 Doctoral Reading & Research: 3-5 Credits (3-5 Other)**

PREREQUISITE: Doctoral Standing. This course may be used by doctoral students who are reading research publications in the field in preparation for beginning doctoral thesis research Repeatable up to 15 credits.

**PSYX 690 Doctoral Thesis: 1-10 Credits (1-10 Other)**

Conducting dissertation research. May be repeated. Repeatable up to 99 credits.

**PSYX 692 Independent Study: 1-6 Credits (1-6 Other)**

PREREQUISITE: Graduate standing and consent of instructor. Directed research and study on an individual basis Repeatable up to 6 credits.