PSYC - PSYCHOLOGY (PSYC)

PSYC 101 Neuroscience Overview
Credit 1. 1 Lecture Hour.
An introductory survey of neuroscience for freshmen undergraduate students on the basic neuroscience core ideas and neurological disorders.

PSYC 105 First Semester Experience
Credit 1. 1 Lecture Hour.
Development of building blocks essential to success at Texas A&M University and in the Psychology major; introduction to understanding how adjusting to college life and exploring strategies will help manage time and motivation; examination of methods for effective studying and test preparation; information about psychology graduate school and careers in psychology without a graduate-level degree.
Prerequisites: First semester students in psychology.

PSYC 107 Introduction to Psychology
Credits 3. 3 Lecture Hours.
(PSYC 2301) Introduction to Psychology. Introductory course dealing with elementary principles of human behavior; also taught at Galveston campus.

PSYC 206/AFST 206 Black Psychology
Credits 3. 3 Lecture Hours.
Critical examination of psychological experience, theories, and methods from perspectives grounded in the "Black experience."
Cross Listing: AFST 206/PSYC 206.

PSYC 208 Stereotypes, Prejudice, and Minority Experience
Credits 3. 3 Lecture Hours.
Overview of theory and research relating to stereotyping, prejudice, discrimination, and minority experiences from a social psychological perspective.
Prerequisite: PSYC 107.

PSYC 209/AFST 209 Psychology of Culture and Diversity
Credits 3. 3 Lecture Hours.
Introduction to various issues surrounding an increasingly interconnected and globalized world by critically examining the dynamic relationship between psychological processes and diverse (e.g., motivation, memory, self, prejudice) socio-cultural contexts.
Prerequisite: PSYC 107.
Cross Listing: AFST 209/PSYC 209.

PSYC 210/WGST 210 Psychological Aspects of Human Sexuality
Credits 3. 3 Lecture Hours.
Interface between human sexuality, reproductive development and gender roles across the lifespan; theoretical and research literature promotes understanding of hormonal influences, learning processes, cultural differences, sexual response and love and attraction.
Prerequisite: PSYC 107.

PSYC 225 Lifespan Development
Credits 3. 3 Lecture Hours.
(PSYC 2314) Lifespan Development. Major theoretical perspectives and empirical research examining psychological processes across the lifespan; changes across the lifespan in emotional, cognitive, personality and social processes; stages of the lifespan including infancy, childhood, adolescence, adulthood and the end of life.

PSYC 235/NRSC 235 Introduction to Behavioral and Cognitive Neuroscience
Credits 3. 3 Lecture Hours.
Physiological bases of sensation, motor functions, emotion, motivation and complex psychological processes.
Prerequisites: PSYC 107 or BIOL 111.
Cross Listing: NRSC 235/PSYC 235.

PSYC 245 Introduction to Psychological Science Methods
Credits 3. 3 Lecture Hours.
(PSYC 2317) Introduction to Psychological Science Methods. Basic elements of statistics and research methods in the psychological and brain sciences; topics include ethics in psychological research, measurement, research design and descriptive and inferential statistics.

PSYC 251 Survey of Industrial/Organizational Psychology
Credits 3. 3 Lecture Hours.
Literature and research in the basic theories and practices of I/O psychology including selection, testing, job analysis, performance appraisal, training, employee motivation, job satisfaction, leadership, and group processes within organizations.

PSYC 285 Directed Studies
Credits 0 to 3. 0 to 3 Other Hours.
Directed readings or research problems in selected areas designed to supplement existing course offerings; individual report required.
Prerequisites: Approval of instructor; major in psychology.

PSYC 289 Special Topics in...
Credits 1 to 4. 1 to 4 Lecture Hours. 0 to 4 Lab Hours.
Selected topics in an identified area of psychology. May be repeated for credit.
Prerequisite: PSYC 107.

PSYC 291 Research
Credits 0 to 3. 0 to 3 Other Hours.
Research conducted under the supervision of a chosen faculty member in the department of psychology; involves discussion and weekly presentation of student research projects. May be repeated for credit.
Prerequisites: PSYC 285; freshman or sophomore classification.

PSYC 300/WGST 300 Psychology of Women
Credits 3. 3 Lecture Hours.
Theoretical and research literature relevant to psychological assumptions about the female personality; challenges to and verification of these assumptions by recent experimental studies.
Prerequisite: PSYC 107.
Cross Listing: WGST 300/PSYC 300.

PSYC 301 Elementary Statistics for Psychology
Credits 4. 3 Lecture Hours. 2 Lab Hours.
Practical knowledge of statistics up through analysis of variance. Practice sessions devoted to numerical problems. Will not satisfy mathematics requirement in College of Liberal Arts curricula.
Prerequisites: Grade of C or better in PSYC 107; MATH 140 or MATH 150 with a grade of C or better; MATH 168, MATH 142, MATH 166, MATH 151, MATH 171, MATH 131, or MATH 147; major in psychology.

PSYC 302 Research Methods and Design in Psychology
Credits 4. 3 Lecture Hours. 2 Lab Hours.
Research techniques in psychology with emphasis on the experimental method; laboratory exercises applied to specific problems in psychology.
Prerequisites: Grade of C or better in PSYC 107 and PSYC 301; major in psychology.
PSYC 303 Psychology of Women of Color  
Credits 3. 3 Lecture Hours.  
Interdisciplinary theories to study the unique yet intersectional experiences of women from different racial groups, ethnicities, nationalities and cultural backgrounds; scholarly research from the diversity science field; contemporary topics that have developed in a global context; examination of complex issues, which affect women of color across the lifespan.  
Prerequisite: Grade of C or better in AFST 201 or PSYC 107 or WGST 200, or approval of instructor.  
Cross Listing: AFST 303 and WGST 303.

PSYC 304 Psychology of Sport and Physical Activity  
Credits 3. 3 Lecture Hours.  
The relationship of psychology to sport; topics include history, application of learning principles, social psychology, personality variables, psychological assessment, youth sport, women in sport, the psychology of coaching, sports law and ethics.  
Prerequisite: Junior or senior classification.

PSYC 305 Psychology of Adjustment  
Credits 3. 3 Lecture Hours.  
Adjustment problems of normal people; application of psychological principles to family, school and community life.

PSYC 306 Abnormal Psychology  
Credits 3. 3 Lecture Hours.  
Survey of behavior pathology; functional and organic psychoses, psychoneurosis, character disorders, psychophysiological disorders, alcohol and drug addiction and mental retardation; therapeutic and diagnostic methods.  
Prerequisites: PSYC 107; junior or senior classification; PSYC 301 and PSYC 302 recommended; also taught at Galveston campus.

PSYC 307 Developmental Psychology  
Credits 3. 3 Lecture Hours.  
Growth and development of normal child from infancy to adolescence with emphasis on elementary school years.  
Prerequisites: PSYC 107; junior or senior classification; PSYC 301 and PSYC 302 recommended.

PSYC 311/NRSC 311 Psychology of Animal Behavior  
Credits 3. 3 Lecture Hours.  
Problems, principles, and methods of animal psychology; animal learning, motivation, discriminative processes and abnormal, social and instinctual behaviors.  
Prerequisites: PSYC 107, BIOL 111, or BIOL 113.  
Cross Listing: NRSC 311/PSYC 311.

PSYC 315 Social Psychology  
Credits 3. 3 Lecture Hours.  
Social psychological variables operating on the individual; results of experimental laboratory findings; interaction of personality and social behavior.  
Prerequisites: PSYC 107.

PSYC 316/COMM 316 Media Psychology  
Credits 3. 3 Lecture Hours.  
Examine the role of media and its impact on human behavior, emotions and thoughts; topics include mass media, social media and how they influence individual and societal functioning across a range of important psychological topics; e.g., self-image, sexual behavior, mental health, violence.  
Prerequisites: PSYC 107.  
Cross Listing: COMM 316/PSYC 316.

PSYC 319 History and Systems of Psychology  
Credits 3. 3 Lecture Hours.  
Historical analysis of pre-scientific psychology in philosophy and physiology through the period of the psychological "schools."  
Prerequisite: PSYC 107.

PSYC 320/NRSC 320 Sensation-Perception  
Credits 3. 3 Lecture Hours.  
Review of sensory physiology, sensory and perceptual phenomena and the major perceptual theories; current research in the field.  
Prerequisites: PSYC 107; junior or senior classification; PSYC 301 and PSYC 302 recommended.  
Cross Listing: NRSC 320/PSYC 320.

PSYC 323 Psychology of Adolescence  
Credits 3. 3 Lecture Hours.  
Psychological problems of normal teenage individual; ways and means of aiding youth to meet these problems constructively.  
Prerequisites: PSYC 107; junior or senior classification; PSYC 301 and PSYC 302 recommended.

PSYC 330 Personality  
Credits 3. 3 Lecture Hours.  
Review of personality theories, techniques of assessment and research relevant to understanding individual differences.  
Prerequisites: PSYC 107; junior or senior classification; PSYC 301 and PSYC 302 recommended.

PSYC 332/NRSC 332 Neuroscience of Learning and Memory  
Credits 3. 3 Lecture Hours.  
Brain mechanisms of learning and memory from molecular to behavioral levels; synaptic plasticity, model systems, multiple memory systems, diseases of learning and memory.  
Cross Listing: NRSC 332/PSYC 332.

PSYC 333/NRSC 333 Biological Psychology of Psychological Disorders  
Credits 3. 3 Lecture Hours.  
Neurobiology and clinical explanation of molecular mechanisms underlying psychiatric disorders and their drug treatments; depression and bipolar, anxiety disorders, mood disorders, psychoses and schizophrenia.  
Cross Listing: NRSC 333/PSYC 333.

PSYC 336/NRSC 336 Psychopharmacology of Behavior  
Credits 3. 3 Lecture Hours.  
Physiological, pharmacological and behavioral effects of psychoactive drugs, including short-term and long-term effects of psychoactive drugs, properties of addictive drugs, etiology of addiction, and treatments of drug addiction and withdrawal.  
Cross Listing: NRSC 336/PSYC 336.

PSYC 340/NRSC 340 Psychology of Learning  
Credits 3. 3 Lecture Hours.  
Survey of significant concepts, experimental methods and principles of learning.  
Prerequisites: PSYC 107, BIOL 111, or BIOL 113.  
PSYC 345 Human Cognitive Processes  
Credits 3. 3 Lecture Hours.
Human cognition and information processing: perception, attention, memory, reasoning and problem solving; experimental methods and data, and contemporary theories of human cognition.  
Prerequisites: PSYC 107; junior or senior classification.

PSYC 346 Psychology of Language  
Credits 3. 3 Lecture Hours.
Examines theories of how language is acquired, comprehended, produced, stored and used in normal and brain-impaired individuals.  
Prerequisites: PSYC 107; or junior or senior classification.

PSYC 350/NRSC 350 Cognitive Neuroscience  
Credits 3. 3 Lecture Hours.
Research in cognitive neuroscience; methodological advances that enable the study of the human brain safely in the laboratory; complex aspects of the mind like emotion, social behavior and consciousness.  
Prerequisite: PSYC 107; PSYC 301, PSYC 302, and NRCS 277 recommended.  
Cross Listing: NRSC 350/PSYC 350.

PSYC 352 Organizational Psychology  
Credits 3. 3 Lecture Hours.
Literature and research in basic theories and practices of organizational psychology including employee motivation, leadership, job satisfaction, counterproductive work behaviors, organizational commitment, culture, climate, communication, and group processes within organizations.  
Prerequisites: PSYC 107; junior or senior classification; PSYC 301 and PSYC 302 recommended.

PSYC 353 Personnel Psychology  
Credits 3. 3 Lecture Hours.
Literature and research in basic theories and practices of personnel psychology including job analysis, testing and validation, selection, performance appraisal, training, and legal issues in employment decision making.  
Prerequisites: PSYC 107; junior or senior classification; PSYC 301 and PSYC 302 recommended.

PSYC 354 Conflict and Negotiation  
Credits 3. 3 Lecture Hours.
Examination of the field of conflict and negotiation, including the structure and causes of common interpersonal, intragroup, and intergroup conflicts, effective negotiation strategies, ethics, mediation, and the development of negotiating skills.  
Prerequisite: PSYC 107.

PSYC 360/NRSC 360 Health Psychology and Behavioral Medicine  
Credits 3. 3 Lecture Hours.
Health psychology emphasizing behavioral and lifestyle factors in health and illness, prevention and modification of health-compromising behaviors, health care utilization, and psychological management of chronic disorders and psychological management of chronic disorders and terminal illnesses.  
Prerequisite: PSYC 107.  
Cross Listing: NRSC 360/PSYC 360.

PSYC 365 Psychology of Aging  
Credits 3. 3 Lecture Hours.
Examination of the psychological aspects of the aging process including physiology and health, memory and intellectual functioning, personality and social relationships, emotional health and late life transition.  
Prerequisite: PSYC 107.

PSYC 371 Forensic Psychology  
Credits 3. 3 Lecture Hours.
Interface between psychology and the legal system; role of psychological theories and data, as well as mental health expertise, in the resolution of criminal trials and civil disputes; legal system's impact on the practice of psychology.  
Prerequisite: PSYC 107; junior or senior classification; PSYC 301 and PSYC 302 recommended.

PSYC 389 Careers in Psychology  
Credits 3. 3 Lecture Hours.
Exploration of graduate study and professional careers in the field of psychology including teaching, research, and clinical practice; content will include graduate admissions, licensure types, areas of specialization and professional skills related to training and practice in the field of psychology.  
Prerequisites: PSYC 107; approval of instructor.

PSYC 407 Behavioral Disorders of Children  
Credits 3. 3 Lecture Hours.
Behavior problems related to childhood; psychological aspects of mental retardation, emotional disturbance, physical handicaps and other disorders; causative factors, preventative and therapeutic methods explored; where feasible, practical experience included as requirement.  
Prerequisites: PSYC 306; PSYC 307 or equivalent.

PSYC 411 Psychology of Self  
Credits 3. 3 Lecture Hours.
Overview of psychological theory and research on issues related to the self, the self-concept and identity, and how these phenomena are integral to the human experience and to mental health and well-being.  
Prerequisite: PSYC 107 or approval of instructor.

PSYC 414 Behavior Principles  
Credits 3. 3 Lecture Hours.
Behavioral analysis of humans' complex interactions with their environments: how behavioral repertoires are constructed during maturation process; how existent behaviors are strengthened, weakened or eliminated; and how features of environment exercise control over behavioral components within a repertoire.  
Prerequisites: 9 hours of psychology; PSYC 107; junior or senior classification; PSYC 301 and PSYC 302 recommended.

PSYC 425 Psychology of Emotion  
Credits 3. 3 Lecture Hours.
Examination of the theories and approaches in the psychological study of emotion; topics related to emotion, including predictors of happiness, causes and consequences of emotion, and the role of emotion in society; identification of facial expressions of emotion; examination of techniques that promote happiness.  
Prerequisites: PSYC 107.

PSYC 432 Diversity and Inclusion in Organizations  
Credits 3. 3 Lecture Hours.
Psychological and organizational theory and research on the experience of diversity and inclusion in organizations.  
Prerequisites: PSYC 315, PSYC 352, PSYC 353, or approval of instructor.
PSYC 440/NRSC 440 Hormones and Behavior
Credits 3. 3 Lecture Hours.
Principles of hormones and the endocrine system; relationships among hormones, the nervous system and a variety of behaviors in vertebrates including humans.
Prerequisites: PSYC 235/NRSC 235, NRSC 235/PSYC 235, PSYC 340/NRSC 340, NRSC 340/PSYC 340, VIBS 277/NRSC 277, or NRSC 277/VIBS 277, or approval of instructor.
Cross Listing: NRSC 440/PSYC 440.

PSYC 450 Clinical Psychology
Credits 3. 3 Lecture Hours.
Analysis of the field of clinical psychology with a particular focus on the theoretical and scientific bases for the practice of clinical psychology.
Prerequisites: PSYC majors only; grade of C or better in PSYC 301, PSYC 302 and PSYC 306.

PSYC 470 Psychological Testing and Measurement
Credits 3. 3 Lecture Hours.
Theories and techniques of measurement of psychological concepts; a range of measurement models and procedures; critical tasks of evaluating strategies for measuring psychological concepts and drawing inferences and interpretations from commonly used psychological assessments.
Prerequisites: PSYC 301 recommended; junior or senior classification or approval of instructor.

PSYC 471 Research Writing in Neuroscience
Credit 1. 1 Lecture Hour.
Development of written communication skills; comprehension and communication of neuroscience research concepts to both academics and lay people.
Prerequisite: Junior or senior classification.

PSYC 475 Communicating Neuroscience Concepts
Credit 1. 1 Lecture Hour.
Development of written communication skills; written assignments include summaries of research in the field of neuroscience.
Prerequisite: Junior or senior classification.

PSYC 483 Teaching Scholars
Credits 0 to 3. 0 to 3 Other Hours.
Acquisition of experience in educational programs and knowledge about the scientific basis for educational strategies and development of materials in conjunction with serving as a course teaching assistant.
Prerequisites: Major or minor in psychology; junior or senior classification; approval of instructor.

PSYC 484 Field Experiences
Credits 0 to 6. 0 to 6 Other Hours.
Participation in an approved mental health, mental retardation, school, industrial or other approved setting; field experiences supervised by an appropriate professor within an area of student interest; course requirements vary with the setting, the supervising professor and the needs of the individual student. May be repeated for credit.
Prerequisites: PSYC 301 and PSYC 302; 12 hours of psychology, GPR of 2.5 or better in all psychology courses; major in psychology; approval of instructor.

PSYC 489 Special Topics in...
Credits 1 to 4. 1 to 4 Lecture Hours.
Selected topics in an identified area of psychology. May be repeated for credit.
Prerequisites: PSYC 107 and approval of instructor.

PSYC 491 Research
Credits 0 to 3. 0 to 3 Other Hours.
Research conducted under the supervision of a chosen faculty member in the department of psychology; involves discussion and presentation of student research projects. May be repeated for credit.
Prerequisites: PSYC 484 or PSYC 485, approval of instructor.