Psychology (PSY)

Courses

PSY 199. Special Studies: [Topic]. 1-5 Credits.
Experimental course - topic varies.
Repeatable 99 times

PSY 201Z. Introduction to Psychology I. 4 Credits.
Introduction to the science and application of psychology. Emphasis will be placed on psychological concepts, theories, and principles related to: Research Methods, Behavioral Neuroscience, Consciousness, Sensation/Perception, Learning, Memory, Thinking and Intelligence, and related topics.
Equivalent to: PSY 201
Additional Information:
Science Area

PSY 202Z. Introduction to Psychology II. 4 Credits.
Introduction to the science and application of psychology. Emphasis will be placed on psychological concepts, theories, and principles related to: Personality, Social Psychology, Health and Well-Being, Motivation and Emotion, Disorders, Therapies, Lifespan Development, and related topics

Equivalent to: PSY 202
Additional Information:
Social Science Area

PSY 301. Scientific Thinking in Psychology. 4 Credits.
Fundamentals in the empirical study of human behavior, including hypothesis formation, experiment design, behavioral data basics, and critical evaluation of scientific claims. Sequence with PSY 302, PSY 303. Students may not register for PSY 301 after completing PSY 303.
Additional Information:
Science Area

PSY 302. Statistical Methods in Psychology. 4 Credits.
Probability and statistics applied in psychological research. Topics include descriptive statistics, hypothesis testing, correlation, regression, and design of experiments. With laboratory. Sequence with PSY 301, PSY 303.
Requisites: Prereq: one from STAT 243Z, MATH 241, MATH 246, MATH 251Z; PSY 301; WR 121Z or HC 101H; Pre- or coreq: PSY 201Z, PSY 202Z.

PSY 303. Research Methods in Psychology. 4 Credits.
Practical experience formulating a research question, conducting literature review, analyzing data, and communicating original research about human behavior. Sequence with PSY 301, PSY 302.
Requisites: Prereq: PSY 201Z; PSY 202Z; PSY 302; one from WR 122Z, WR 123, HC 221H.

PSY 304. Biopsychology. 4 Credits.
Relationships between brain and endocrine activity and behavior. Topics include sensation, perception, sexual behavior, drug effects, eating, drinking, sleeping, dreaming, and learning.
Requisites: Prereq: PSY 201Z.

PSY 305. Cognition. 4 Credits.
Major topics addressed in this class include perception, attention, memory, language, reasoning, and decision-making.
Requisites: Prereq: PSY 201Z.

PSY 306. Social Psychology. 4 Credits.
Processes underlying social perception and social interaction. Topics include aggression, the self-concept, stereotyping and prejudice, conformity, persuasion, attraction, and helping.
Requisites: Prereq: PSY 202Z.
Additional Information:
Cultural Literacy: US: Difference, Inequality, Agency

PSY 307. Personality. 4 Credits.
Theory and methods for studying human traits, including personality tests and measures. Current research in personality. Studies of age, gender, culture, and relation to emotion and motivation.
Requisites: Prereq: PSY 202Z.

PSY 308. Developmental Psychology. 4 Credits.
Survey of cognitive, social-emotional, and personality development in infancy, childhood, adolescence, adulthood.
Requisites: Prereq: PSY 202Z.

PSY 309. Psychopathology. 4 Credits.
Major descriptive and theoretical approaches to etiological, developmental, and social factors in emotion and personality disorders. Includes assessment, diagnosis, treatment, and special topics.
Requisites: Prereq: PSY 202Z.

PSY 348. Music and the Brain. 4 Credits.
Explores the neural correlates of our perception of tonality, harmony, melody, and rhythm and how these relate to neurobiology, brain damage, and cognitive neuroscience.
Additional Information:
Science Area

PSY 366. Culture and Mental Health. 4 Credits.
Role of culture in the definition and maintenance of mental health and the definition and treatment of mental illness.
Additional Information:
Social Science Area
Cultural Literacy: US: Difference, Inequality, Agency

PSY 380. Psychology of Gender. 4 Credits.
Critical analysis of evidence for sex differences, gender roles, and the effect of gender on traditional issues in psychology. Topics include parenthood, violence, and sexual orientation.
Additional Information:
Social Science Area
Cultural Literacy: US: Difference, Inequality, Agency

PSY 383. Psychoactive Drugs. 4 Credits.
Physiological and behavioral effects of psychoactive drugs such as alcohol, opiates, barbiturates, and excitants. The psychology of use and overuse; therapies for correcting drug problems.

PSY 399. Special Studies: [Topic]. 1-5 Credits.
Experimental course - topic varies.
Repeatable 99 times

PSY 401. Research: [Topic]. 1-21 Credits.
Disciplined inquiry of a topic with varying techniques and assignments suited to the nature and conditions of the problem being investigated. Often pursued in relation to a dissertation or thesis.
Repeatable 99 times

PSY 403. Thesis. 1-12 Credits.
A written document resulting from study or research and submitted as a major requirement for a degree.
Repeatable 99 times

PSY 405. Reading and Conference: [Topic]. 1-21 Credits.
A particular selection of material read by a student and discussed in conference with a faculty member.
Repeatable 99 times

PSY 406. Practicum: [Topic]. 1-12 Credits.
A series of clinical experiences under academic supervision designed to integrate theory and principles with practice.
Repeatable 99 times

PSY 407. Seminar: [Topic]. 1-5 Credits.
A small group of students studying a subject with a faculty member. Although practices vary, students may do original research and exchange results through informal lectures, reports, and discussions.
Repeatable 99 times

PSY 408. Laboratory Projects: [Topic]. 1-12 Credits.
An experience in a lab setting in which a group of students focus on skills development rather than content master.
Repeatable 99 times

PSY 409. Terminal Project. 1-12 Credits.
A presentation incorporating the knowledge and skills acquired from course work completed for a degree.
Repeatable 99 times

PSY 410. Experimental Course: [Topic]. 1-5 Credits.
Experimental course - topic varies.
Repeatable 99 times

PSY 412. Applied Data Analysis. 4 Credits.
Intermediate-level practical data analysis and interpretation. Topics include experimental design, analysis of variance, multiple regression, exploratory data analysis. Extensive computer use. Honors only.
Requisites: Prereq: PSY 303.

PSY 420. Psychology and Law. 4 Credits.
Introduction to topics of concern to both psychology and the law. Includes eyewitness identification, legal decision-making, criminal defenses, profiling, polygraphy, and mental-health law.
Requisites: Prereq: PSY 303.

PSY 422. Forensic Psychology. 4 Credits.
This class focuses on the involvement of clinical psychologists with the legal system. The class will discuss the approaches, ethics, considerations, and measures utilized when clinical psychologists examine psycho-legal issues such as risk, custody, therapist-client confidentiality, and competency.
Requisites: Prereq: PSY 303.

PSY 433. Learning and Memory. 4 Credits.
Processes underlying learning and memory, including evolution. Topics range from simple forms of behavior change to the acquisition, retention, forgetting, and retrieval of symbolic information.
Requisites: Prereq: PSY 303; one course from PSY 304, PSY 305.

PSY 436. Human Performance. 4 Credits.
Motor and intellectual capacities; analysis of the flow of information within the nervous system; applications of performance principles to human-machine systems.
Requisites: Prereq: PSY 303, PSY 305.

PSY 438. Perception. 4 Credits.
Topics covered are color, size, shape, depth, distance, and movement. Examines the relationships between stimuli and perception, stimuli and the neural response, and the neural response and perception.
Requisites: Prereq: PSY 303, PSY 304.

PSY 439. Psychology and Evolution. 4 Credits.
Evolutionary Psychology is the application of evolutionary theory to human cognition. Topics include: survival, mating, parenting, cooperation, aggression, status, and comparative cognition. We ground theory and criticism using empirical data from many levels of analysis.
Requisites: Prereq: PSY 304 or PSY 306.

PSY 445. Brain Mechanisms of Behavior. 4 Credits.
Organization of the mammalian brain. Structure and function of the neuronal systems underlying vision, perception, motivation, coordinated movement, sleep-wakefulness, learning and memory, and affective disorders.
Requisites: Prereq: PSY 303, PSY 304.

PSY 449. Cognitive Neuroscience. 4 Credits.
Integrative neural mechanisms of normal and abnormal processes in systems (e.g., selective attention, language, memory, object recognition, and emotion).
Requisites: Prereq: PSY 303; one from PSY 304, PSY 305.

PSY 450. Hormones and Behavior. 4 Credits.
Relationships among the brain, endocrine systems, and behavior. Developmental effects of hormones on the brain, puberty, sexuality, aggression, stress.
Requisites: Prereq: PSY 303, PSY 304.

PSY 457. Group Dynamics. 4 Credits.
Topics in small-group dynamics, including decision-making, conflict, and changes over time in group structure and behavior.
Requisites: Prereq: PSY 303.

PSY 458. Decision-Making. 4 Credits.
Psychological processes involved in judgment and decision-making. Normative theories of ideal behavior contrasted with descriptive analysis of actual behavior.
Requisites: Prereq: PSY 303.

PSY 459. Cultural Psychology. 4 Credits.
Examines interdependence between mind and culture in substantive domains such as social cognition, motivation, emotion, and psychopathology. Cultural pluralism, collective identities, tolerance, and diversity considered.
Requisites: Prereq: PSY 303.

PSY 460. Stereotyping and Prejudice. 4 Credits.
This course examines contemporary issues in stereotyping, prejudice, and discrimination, both from the perceiver's and the target's perspective. We will cover the phenomena and processes associated with one's beliefs about members of social groups (stereotypes), attitudes and evaluative responses toward group members (prejudice), and behaviors toward members of a social group based on their group membership (discrimination).
Requisites: Prereq: PSY 306.

PSY 468. Motivation and Emotion. 4 Credits.
Adaptive human behavior; considers biological processes involved in emotions, how emotions interact with cognition, and social influences.
Requisites: Prereq: PSY 303.

PSY 472. Psychology of Trauma. 4 Credits.
Cognitive, neuropsychological, developmental, social, and clinical approaches to understanding trauma. Includes analysis of childhood trauma, sexual assault, domestic violence, terrorism, combat, and natural disasters.
Requisites: Prereq: PSY 303.

PSY 473. Intimate Relationships. 4 Credits.
Adult intimacy and love relationships. Clinical-counseling approaches: assessment, couple and family therapies, and evaluation. Models of relationship functioning and the empirical study of interpersonal relationships.
Requisites: Prereq: PSY 303.

PSY 475. Cognitive Development. 4 Credits.
Intellectual development in children from infancy to adolescence with a focus on early childhood. Topics covered include perception, attention, memory, reasoning, conceptual structure, social cognition.
Requisites: Prereq: PSY 303; one course from PSY 305, PSY 308.

PSY 478. Social Development. 4 Credits.
Theoretical issues and empirical studies of social-emotional development. Topics may include attachment, temperament, moral development, family interaction, self-image, aggression, and sex-role development.
Requisites: Prereq: PSY 303; one course from PSY 306, PSY 307, PSY 308.

PSY 479. Infancy. 4 Credits.
Mechanisms and processes that underlie and promote rapid changes in physical, cognitive, and linguistic capabilities, from birth to 24 months. Covers innovative methodologies and cultural attitudes toward infants.
Requisites: Prereq: PSY 303, PSY 308.

PSY 480. Development and Psychopathology. 4 Credits.
Biological and environmental factors that shape normal and abnormal development. Analysis of how family functioning affects psychopathology and resilience in children and adolescents.
Requisites: Prereq: PSY 303; one course from PSY 308, PSY 309.

PSY 490. Honors in Psychology. 1 Credit.
Reading and conference.
Repeatable 2 times for a maximum of 3 credits

PSY 491. Honors is Psychology. 1 Credit.
Reading and conference.
Repeatable 2 times for a maximum of 3 credits

PSY 492. Honors in Psychology. 1 Credit.
Reading and conference.
Repeatable 2 times for a maximum of 3 credits

PSY 503. Thesis. 1-16 Credits.
A written document resulting from study or research and submitted as a major requirement for a degree.
Repeatable 99 times

PSY 507. Seminar: [Topic]. 1-5 Credits.
A small group of students studying a subject with a faculty member. Although practices vary, students may do original research and exchange results through informal lectures, reports, and discussions.
Repeatable 99 times

PSY 510. Experimental Course: [Topic]. 1-5 Credits.
Experimental course - topic varies.
Repeatable 99 times

PSY 512. Applied Data Analysis. 4 Credits.
Intermediate-level practical data analysis and interpretation. Topics include experimental design, analysis of variance, multiple regression, exploratory data analysis. Extensive computer use.

PSY 520. Psychology and Law. 4 Credits.
Introduction to topics of concern to both psychology and the law. Includes eyewitness identification, legal decision-making, criminal defenses, profiling, polygraphy, and mental-health law.

PSY 522. Forensic Psychology. 4 Credits.
This class focuses on the involvement of clinical psychologists with the legal system. The class will discuss the approaches, ethics, considerations, and measures utilized when clinical psychologists examine psycho-legal issues such as risk, custody, therapist-client confidentiality, and competency.

PSY 533. Learning and Memory. 4 Credits.
Processes underlying learning and memory, including evolution. Topics range from simple forms of behavior change to the acquisition, retention, forgetting, and retrieval of symbolic information.

PSY 536. Human Performance. 4 Credits.
Motor and intellectual capacities; analysis of the flow of information within the nervous system; applications of performance principles to human-machine systems.

PSY 538. Perception. 4 Credits.
Topics covered are color, size, shape, depth, distance, and movement. Examines the relationships between stimuli and perception, stimuli and the neural response, and the neural response and perception.

PSY 539. Psychology and Evolution. 4 Credits.
Evolutionary Psychology is the application of evolutionary theory to human cognition. Topics include: survival, mating, parenting, cooperation, aggression, status, and comparative cognition. We ground theory and criticism using empirical data from many levels of analysis.

PSY 545. Brain Mechanisms of Behavior. 4 Credits.
Organization of the mammalian brain. Structure and function of the neuronal systems underlying vision, perception, motivation, coordinated movement, sleep-wakefulness, learning and memory, and affective disorders.

PSY 549. Cognitive Neuroscience. 4 Credits.
Integrative neural mechanisms of normal and abnormal processes in systems (e.g., selective attention, language, memory, object recognition, and emotion).

PSY 550. Hormones and Behavior. 4 Credits.
Relationships among the brain, endocrine systems, and behavior. Developmental effects of hormones on the brain, puberty, sexuality, aggression, stress.

PSY 557. Group Dynamics. 4 Credits.
Topics in small-group dynamics, including decision-making, conflict, and changes over time in group structure and behavior.

PSY 558. Decision-Making. 4 Credits.
Psychological processes involved in judgment and decision-making. Normative theories of ideal behavior contrasted with descriptive analysis of actual behavior.

PSY 559. Cultural Psychology. 4 Credits.
Examines interdependence between mind and culture in substantive domains such as social cognition, motivation, emotion, and psychopathology. Cultural pluralism, collective identities, tolerance, and diversity considered.

PSY 560. Stereotyping and Prejudice. 4 Credits.
This course examines contemporary issues in stereotyping, prejudice, and discrimination, both from the perceiver's and the target's perspective. We will cover the phenomena and processes associated with one's beliefs about members of social groups (stereotypes), attitudes and evaluative responses toward group members (prejudice), and behaviors toward members of a social group based on their group membership (discrimination).

PSY 572. Psychology of Trauma. 4 Credits.
Cognitive, neuropsychological, developmental, social, and clinical approaches to understanding trauma. Includes analysis of childhood trauma, sexual assault, domestic violence, terrorism, combat, and natural disasters.

PSY 573. Intimate Relationships. 4 Credits.
Adult intimacy and love relationships. Clinical-counseling approaches: assessment, couple and family therapies, and evaluation. Models of relationship functioning and the empirical study of interpersonal relationships.

PSY 575. Cognitive Development. 4 Credits.
Intellectual development in children from infancy to adolescence with a focus on early childhood. Topics covered include perception, attention, memory, reasoning, conceptual structure, social cognition.

PSY 578. Social Development. 4 Credits.
Theoretical issues and empirical studies of social-emotional development. Topics may include attachment, temperament, moral development, family interaction, self-image, aggression, and sex-role development.

PSY 579. Infancy. 4 Credits.
Mechanisms and processes that underlie and promote rapid changes in physical, cognitive, and linguistic capabilities, from birth to 24 months. Covers innovative methodologies and cultural attitudes toward infants.

PSY 580. Development and Psychopathology. 4 Credits.
Biological and environmental factors that shape normal and abnormal development. Analysis of how family functioning affects psychopathology and resilience in children and adolescents.

PSY 601. Research: [Topic]. 1-21 Credits.
Disciplined inquiry of a topic with varying techniques and assignments suited to the nature and conditions of the problem being investigated. Often pursued in relation to a dissertation or thesis.
Repeatable 99 times

PSY 603. Dissertation. 1-16 Credits.
A written document resulting from study or research and submitted as a major requirement for a degree.
Repeatable 99 times

PSY 605. Reading and Conference: [Topic]. 1-16 Credits.
A particular selection of material read by a student and discussed in conference with a faculty member.
Repeatable 99 times

PSY 606. Practicum: [Topic]. 1-16 Credits.
A series of clinical experiences under academic supervision designed to integrate theory and principles with practice.
Repeatable 99 times

PSY 607. Seminar: [Topic]. 1-5 Credits.
A small group of students studying a subject with a faculty member. Although practices vary, students may do original research and exchange results through informal lectures, reports, and discussions.
Repeatable 99 times

PSY 608. Workshop: [Topic]. 1-16 Credits.
An intensive experience, limited in scope and time, in which a group of students focus on skills development rather than content mastery.
Repeatable 99 times

PSY 609. Terminal Project. 1-12 Credits.
A presentation incorporating the knowledge and skills acquired from course work completed for a degree.
Repeatable 99 times

PSY 610. Experimental Course: [Topic]. 1-21 Credits.
Experimental course - topic varies.
Repeatable 99 times

PSY 611. Data Analysis I. 4 Credits.
Introduction to probability, hypothesis testing, and analysis of variance with applications. Includes training in the statistical analysis of data by computer. With laboratory.

PSY 612. Data Analysis II. 4 Credits.
Multiple regression and advanced topics in analysis of variance. Includes training in the statistical analysis of data by computer. With laboratory.
Requisites: Prereq: PSY 611.

PSY 613. Data Analysis III. 4 Credits.
Multivariate techniques including MANOVA, factor analysis, principal components. Includes training in the statistical analysis of data by computer. With laboratory.
Requisites: Prereq: PSY 612.

PSY 615. Community Needs Assessments. 4 Credits.
Explores the formative steps in intervention design and implementation. Introduces key concepts and methods for needs assessments with agencies and individuals serving at-risk communities. Topics include building community partnership and using qualitative research methodology to empirically assess barriers to and facilitators of access to interventions.

PSY 616. Implementation with Community and Cultural Perspectives. 3 Credits.
This course explores essential tools for implementing effective (or evidence-based) programs with fidelity in community settings. Topics include community outreach, diversity science, partnership and co-creation, team science, and models of change.

PSY 618. Substance Use and Addiction. 3 Credits.
Exploration of brain mechanisms underlying motivated behaviors and dysfunctions that lead to addictive behaviors. Topics include neurobiological and psychological effects of addictive drugs, factors that contribute to addiction, societal impacts, the link between addiction and habits, and how this relates to behaviors like pathological gambling.

PSY 619. Intervention Science. 4 Credits.
Exploration of the development and evaluation of evidence-based treatments, the field of implementation science, and culturally competent intervention approaches. Students develop clinical intervention and case conceptualization skills while learning about infant, child, adolescent, adult, and couple focused evidence-based treatments for a variety of disorders.

PSY 621. Clinical Psychobiology. 3 Credits.
Research and theory from the neurosciences applied to clinical problems and biological therapies.

PSY 628. Methods of Program Evaluation. 4 Credits.
This course provides full-spectrum coverage of program evaluation. We will cover theory, model testing, experimental design and basic statistical theory and methods. Designed to provide students with tools and techniques they can apply to program development and evaluation within their home organizations.

PSY 630. Translational Neuroscience in Early Childhood. 3 Credits.
Introduction to key concepts and methods of translational neuroscience. Uses a multidisciplinary lens to examine environmental influences on early human development, from the prenatal period through early childhood. Reviews the evidence base for interventions that aim to mitigate risk factors in these critical developmental periods.

PSY 631. Translational Neuroscience in Adolescence. 3 Credits.
Examines neuroscience research on brain structure, function and neuroplasticity specific to adolescent development. Relates principles of adolescent brain development to evidence-based treatments. Topics include the effects of hormones on brain development, increased sensitivity to dopamine in reward seeking, and the neural basis of social cognition.

PSY 632. Translational Neuroscience in Adulthood. 3 Credits.
Examines neuroscience research on brain development and neuroplasticity in adulthood. Emphasizes bidirectional links between neurobiology and behavior and connections to evidence based psychosocial treatment common to aging adult populations. Topics include stress neurobiology, anxiety and depression, substance use, and cognitive function over the adult lifespan.

PSY 672. Trauma Informed Interventions. 3 Credits.
Seminar on the effects of adverse childhood experiences (ACES) and trauma on physical and mental health. Topics include stress-related psychopathology, culture- and trauma-informed clinical intervention, and socio-demographic and cultural factors related to adversity and stress.

PSY 690. Capstone Research. 2-9 Credits.
Faculty-supervised research credits for each quarter in which students conduct their capstone research project, which is individualized based on student interests, context and academic or career goals (minimum 6 terms; credits per term vary from 2-9 based on the term in the program; minimum 17 total credits). Project may be embedded in a community-based agency or organization. Small group advising allows for faculty-student advising on project enhanced by peer-to-peer advising/mentoring.
Repeatable 8 times for a maximum of 21 credits

PSY 704. Internship: [Topic]. 1-15 Credits.
Professional practice in an organization that integrates concepts studied at the university with career-related work experience.
Repeatable 99 times