

PSYCHOLOGY (PSYCH)

PSYCH 101-6 First-Year Seminar (1 Unit) *WCAS First-Year Seminar*

PSYCH 110-0 Introduction to Psychology (1 Unit) A survey course reviewing primary psychological research and theories of human behavior. Laboratory experience exposes students to psychology as a research science. *Social Behavioral Sciences Distro Area*

PSYCH 201-0 Statistical Methods in Psychology (1 Unit) Measurement; descriptive statistics; probability and sampling; T-test, ANOVA, correlation, and regression. Prerequisite: PSYCH 110-0; some college mathematics recommended. *Formal Studies Distro Area*

PSYCH 204-0 Social Psychology (1 Unit) Psychological processes underlying social behavior; topics include social cognition, attraction, aggression, prejudice, and behavior in groups. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 205-0 Research Methods in Psychology (1 Unit) Methods of psychological research; experimental design; reliability and validity; review and application of statistics; execution and reporting of psychological research. Prerequisite: PSYCH 201-0.

PSYCH 212-0 Introduction to Neuroscience (1 Unit) Designed for students with no prior coursework in neuroscience or biology. Neurophysiology and neuroanatomy; neuroscience of perception, emotion, morality, memory, mental illness, and consciousness. *Natural Sciences Distro Area*

PSYCH 215-0 Psychology of Personality (1 Unit) Nature of personality and its development. Modern theoretical interpretations. Biological and social bases of individual differences. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 218-0 Developmental Psychology (1 Unit) Development of cognitive, social, and other psychological functions. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 228-0 Cognitive Psychology (1 Unit) Introduction to research into mental processes such as memory, reasoning, problem solving, and decision making. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 245-0 Presenting Ideas & Data (1 Unit) Understanding principles of cognitive psychology, data visualization, and graphic design to present ideas and data in an engaging, clear, and memorable manner. PSYCH 245-0 and COG_SCI 245-0 are taught together; may not receive credit for both courses. *Social Behavioral Sciences Distro Area*

PSYCH 248-0 Health Psychology (1 Unit) Overview of research in health psychology. Stress and coping, biological systems affected by stress, social support and health, health behaviors, adjustment to chronic illnesses. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 249-0 Buddhist Psychology (1 Unit) Buddhist and scientific psychological views of mind and behavior; meditation techniques. Prerequisite: PSYCH 110-0. *Ethics Values Distro Area Interdisciplinary Distro - See Rules* (<https://catalogs.northwestern.edu/undergraduate/arts-sciences/#schoolrequirementstext>) *Social Behavioral Sciences Distro Area*

PSYCH 303-0 Psychopathology (1 Unit) Understanding the nature of psychological, emotional, and behavioral disorders. Emphasis on

current evidence regarding causes and characteristics of these disorders. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 306-0 Introduction to Clinical Psychology (1 Unit) Definition and history of clinical psychology, personality theory in clinical psychology, diagnosis and classification of disorders, assessment, psychotherapy, and ethical issues. Prerequisite: PSYCH 303-0. *Social Behavioral Sciences Distro Area*

PSYCH 312-1 Selected Topics in Neuroscience and Psychophysiology (1 Unit) Intermediate principles of neuroscience; neurophysiology, neuropharmacology, neuroanatomy, and electrophysiological substrates of psychological processes. Prerequisites: PSYCH 110-0; 1 biological sciences course. *Natural Sciences Distro Area*

PSYCH 312-2 Selected Topics in Neuroscience and Psychophysiology (1 Unit) Applied psychophysiology; brain activity coding of cognitive events, biofeedback, opiate pain control. Prerequisite: PSYCH 312-1 or equivalent; PSYCH 205-0 recommended. *Natural Sciences Distro Area*

PSYCH 314-0 Special Topics in Psychology (1 Unit) Topic to be announced. Prerequisites vary. May be repeated for credit with different topic.

PSYCH 315-0 Special Topics in Social/Clinical/Personality (1 Unit) Topic to be announced. Prerequisites vary. May be repeated for credit with different topic.

PSYCH 316-0 Special Topics in Cognition/Neuroscience (1 Unit) Topic to be announced. Prerequisites vary. May be repeated for credit with different topic.

PSYCH 321-0 Neuroscience & Behavior Laboratory (1 Unit) Classical exercises in the physiological psychology laboratory, including brainwave recording and electrophysiology. Prerequisites: PSYCH 205-0, PSYCH 312-2. *Natural Sciences Distro Area*

PSYCH 323-0 Deception: Processes and Detection (1 Unit) Multiple perspectives on truth and deception. Exposure to clinical and psychophysiological work on lying, malingering, and styles of deceit. Theories and methods in lie detection. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 324-0 Perception (1 Unit) Human perception, particularly vision but also hearing, taste, smell, and touch. Biological foundations, development, and disorders of perception. The senses in everyday life. Prerequisite: PSYCH 110-0. *Interdisciplinary Distro - See Rules* (<https://catalogs.northwestern.edu/undergraduate/arts-sciences/#schoolrequirementstext>) *Natural Sciences Distro Area Social Behavioral Sciences Distro Area*

PSYCH 326-0 Social and Personality Development (1 Unit) Research methods, theories, and facts relating to the development and modification of attitudes and behavior. Prerequisites: PSYCH 205-0; and PSYCH 204-0, PSYCH 215-0, or PSYCH 218-0. *Social Behavioral Sciences Distro Area*

PSYCH 332-0 Native Americans and Environmental Decision Making (1 Unit) Focus on Native Americans, culture and cultural processes, and environmental decision making. Emphasis on contemporary Native American cultures and relevant research. ENVR_POL 332-0 and PSYCH 332-0 are taught together; may not receive credit for both courses. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 333-0 Psychology of Thinking (1 Unit) Research methods and recent experimental findings for types of human thinking. Students conduct original research. Prerequisite: PSYCH 228-0. *Social Behavioral Sciences Distro Area*

PSYCH 334-0 Language and Thought (1 Unit) Exposure to original research and theoretical perspectives on language and its relation to thought and behavior. Critical analysis of theories and methods. Topics may vary. Prerequisites: PSYCH 205-0; and PSYCH 228-0 or COG_SCI 211-0. *Social Behavioral Sciences Distro Area*

PSYCH 335-0 Decision Making (1 Unit) Human decision making from both descriptive and prescriptive perspectives. Theories and models of decision making applied to a variety of contexts. Prerequisites: PSYCH 205-0, PSYCH 228-0. *Social Behavioral Sciences Distro Area*

PSYCH 336-0 Consciousness (1 Unit) Examines how psychologists, neuroscientists, computer scientists, and physicists have tackled fundamental questions about consciousness using empirical and theoretical methods. Prerequisites: a course in cognition and/or neuroscience, or instructor permission based on a strong background in neurobiology and/or physics; PSYCH 205-0 strongly recommended. *Interdisciplinary Distro - See Rules* (<https://catalogs.northwestern.edu/undergraduate/arts-sciences/#schoolrequirementstext>) *Natural Sciences Distro Area Social Behavioral Sciences Distro Area*

PSYCH 339-0 Psychology of Gender (1 Unit) Examination of sex differences and similarities. Evaluation of explanations for differences. Review of how gender affects achievement, relationships, and mental health. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 340-0 Psychology and Law (1 Unit) Examines the application of psychology to law, including topics such as the insanity defense, criminal profiling, eyewitness testimony, and interrogation. Taught with LEGAL_ST 350-0; may not receive credit for both courses. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 341-0 Positive Psychology: The Science of Well-Being (1 Unit) Key developments in the field of positive psychology. Eudaimonic and hedonic wellbeing, mindfulness and flow, importance of social connections, emotional resilience, positive institutions. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 342-0 Evolutionary Psychology (1 Unit) Theory, methodology, and empirical data related to how evolution has influenced human psychology and behavior. Emphasis on mating. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 343-0 Psychology of Beauty (1 Unit) Theory, methodology, and empirical data related to the psychological impact of human beauty. Emphasis on both cultural and evolutionary perspectives. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 344-0 Cultural Psychology (1 Unit) Introduction to concepts and empirical methods used to study how culture shapes mind, brain, and behavior over multiple time scales, including over generations and the lifespan and across situational contexts. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 346-0 Psychology of Instructional Design and Technology (1 Unit) Introduction to theory and practice in the development of technologies for formal and informal learning. Examines design approaches for developing and implementing effective instructional/training materials for individuals and organizations. Taught with

LOC 346-0; may not receive credit for both courses. Prerequisite: PSYCH 110-0; PSYCH 205-0 recommended. *Social Behavioral Sciences Distro Area*

PSYCH 351-0 Advanced Statistics & Experimental Design (1 Unit) Advanced topics in research design and analysis of data. Focus on both theory and applications. Prerequisites: PSYCH 205-0; 2 200-level mathematics courses. *Formal Studies Distro Area*

PSYCH 352-0 Psychology and Food (1 Unit) Social, cultural, cognitive, evolutionary, and biological factors that influence food choice and consumption. Conducting and evaluating research on eating behavior. Prerequisite: PSYCH 205-0. *Social Behavioral Sciences Distro Area*

PSYCH 355-0 Social, Cultural, and Affective Neuroscience (1 Unit) Examines use of neuroscience techniques (e.g., neuroimaging) in research on affective and social processes and their interactions with cognitive processes; empirical findings, foundational topics, and current debates. Prerequisites: PSYCH 205-0; 1 course in cognition and/or neuroscience, e.g., PSYCH 212-0, PSYCH 228-0, PSYCH 312-1, PSYCH 324-0, PSYCH 361-0, COG_SCI 210-0, CSD 303-0. *Interdisciplinary Distro - See Rules* (<https://catalogs.northwestern.edu/undergraduate/arts-sciences/#schoolrequirementstext>) *Natural Sciences Distro Area Social Behavioral Sciences Distro Area*

PSYCH 357-0 Advanced Seminar in Personality, Clinical, or Social Psychology (1 Unit) Discussion and critical analysis of research methods and findings in an area of personality, clinical, and/or social psychology. Topics vary. May be repeated for credit with different topic. Prerequisite: PSYCH 205-0; additional prerequisites may apply.

PSYCH 358-0 Advanced Seminar in Cognition or Neuroscience (1 Unit) Discussion and critical analysis of research methods and findings in an area of cognitive psychology and/or neuroscience. Topics vary. May be repeated for credit with different topic. Prerequisite: PSYCH 205-0; additional prerequisites may apply.

PSYCH 359-0 Advanced Seminar in Psychology (1 Unit) Discussion and critical analysis of research methods and findings in psychology. Interdisciplinary focus, often spanning natural and social science aspects of psychology. Topics vary. May be repeated for credit with different topic. Prerequisite: PSYCH 205-0; additional prerequisites may apply.

PSYCH 361-0 Brain Damage and the Mind (1 Unit) Survey of human cognition as studied via investigations of brain damage and brain-imaging techniques. Prerequisite: PSYCH 110-0, PSYCH 212-0, or COG_SCI 210-0. *Interdisciplinary Distro - See Rules* (<https://catalogs.northwestern.edu/undergraduate/arts-sciences/#schoolrequirementstext>) *Natural Sciences Distro Area Social Behavioral Sciences Distro Area*

PSYCH 362-0 Cognitive Development (1 Unit) Development of cognition and perception, including development of memory, concepts, language, and expertise. May focus on one or more age groups. Prerequisites: PSYCH 205-0; PSYCH 218-0 or PSYCH 228-0. *Social Behavioral Sciences Distro Area*

PSYCH 363-0 Images of Cognition (1 Unit) Study of brain processes underlying cognition. Analysis of brain structure and function. Introduction to imaging techniques including fMRI, PET, and ERP. Prerequisites: PSYCH 205-0; a course in cognition and/or neuroscience (e.g., PSYCH 212-0, PSYCH 228-0, PSYCH 312-1, PSYCH 361-0; COG_SCI 210-0) or consent of instructor. *Interdisciplinary Distro - See Rules* (<https://catalogs.northwestern.edu/undergraduate/arts-sciences/>)

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PSYCH 365-0 Brain and Cognition (1 Unit) Neural bases of cognitive processing with emphases on neuroimaging approaches in the areas of encoding, perception, attention, memory, language, reading, motor control, and executive functioning. Taught with CSD 303-0; may not receive credit for both courses. *Formal Studies Distro Area Interdisciplinary Distro - See Rules* (<https://catalogs.northwestern.edu/undergraduate/arts-sciences/#schoolrequirementstext>) *Natural Sciences Distro Area Social Behavioral Sciences Distro Area*

PSYCH 368-0 Human Memory (1 Unit) Scientific study of human memory, including memory systems of the brain, amnesia, remembering, forgetting, encoding, consolidation, memory suppression, and memory distortion. Emphasizes original research reports in cognitive neuroscience. Prerequisites: PSYCH 205-0; PSYCH 361-0 or consent of instructor. *Interdisciplinary Distro - See Rules* (<https://catalogs.northwestern.edu/undergraduate/arts-sciences/#schoolrequirementstext>) *Natural Sciences Distro Area Social Behavioral Sciences Distro Area*

PSYCH 371-0 Personality Research (1 Unit) Research in personality, with emphasis on experimental approaches and methods. Basic concepts of test reliability and validity. Students conduct original research. Prerequisites: PSYCH 205-0, PSYCH 215-0. *Social Behavioral Sciences Distro Area*

PSYCH 375-0 Psychological Tests & Measures (1 Unit) Explores the science of psychological assessment, including its history, test construction and evaluation, and common measures of personality, psychopathology, and ability. Students create and evaluate their own psychological measures. Prerequisites: PSYCH 205-0; PSYCH 204-0, PSYCH 215-0, or PSYCH 303-0. *Social Behavioral Sciences Distro Area*

PSYCH 376-0 Cognitive Behavior Therapy (1 Unit) Scientific foundations of cognitive behavior therapy for a wide range of disorders. Focus on the rationale for different treatments and evidence of efficacy and process. Comparisons with other scientifically validated treatments. Prerequisite: PSYCH 303-0. *Social Behavioral Sciences Distro Area*

PSYCH 377-0 Child Psychopathology (1 Unit) Major forms of psychopathology present during childhood, including disorders exclusive to childhood and those that may appear during any developmental period. Developmental models of the etiology and course of major psychopathologies. Prerequisites: PSYCH 205-0; PSYCH 218-0 or PSYCH 303-0. *Social Behavioral Sciences Distro Area*

PSYCH 381-0 Children & the Law (1 Unit) Examines from a developmental perspective research on children's involvement in the legal system as decision makers, witnesses, victims, and perpetrators. Taught with LEGAL_ST 381-0; may not receive credit for both courses. Prerequisites: PSYCH 205-0, PSYCH 218-0. *Social Behavioral Sciences Distro Area*

PSYCH 384-0 Close Relationships (1 Unit) Social-psychological analysis of close relationships, with an emphasis on romantic relationships. Interpersonal processes associated with relationship formation, development, and dissolution. Prerequisite: PSYCH 110-0. *Social Behavioral Sciences Distro Area*

PSYCH 385-0 Psychology of Attitudes (1 Unit) Survey of social psychological research on attitudes; focus on the formation of attitudes,

the relationship between attitudes and behavior, and attitude change. Prerequisite: PSYCH 204-0. *Social Behavioral Sciences Distro Area*

PSYCH 386-0 Stereotyping & Prejudice (1 Unit) Analysis of the causes and consequences of stereotyping and prejudice, as well as methods used to study these issues. Students conduct original research. Prerequisites: PSYCH 204-0, PSYCH 205-0. *Social Behavioral Sciences Distro Area*

PSYCH 387-0 Consumer Psychology and Marketing Research (1 Unit) Application of psychological theories, findings, and methodologies to marketing research questions and problems. Students conduct a marketing research project for an actual client. Prerequisite: PSYCH 205-0. *Social Behavioral Sciences Distro Area*

PSYCH 397-1 Advanced Supervised Research 1 (1 Unit) Design, implementation, and reporting of a psychology research project. Weinberg College limits on 398 and 399 enrollments also apply to 397. Prerequisites: PSYCH 205-0 and consent of instructor; PSYCH 397-2 must be taken with the same professor as PSYCH 397-1.

PSYCH 397-2 Advanced Supervised Research 2 (1 Unit) Design, implementation, and reporting of a psychology research project. Weinberg College limits on 398 and 399 enrollments also apply to 397. Prerequisites: PSYCH 205-0 and consent of instructor; PSYCH 397-2 must be taken with the same professor as PSYCH 397-1.

PSYCH 398-1 Senior Thesis Seminar (1 Unit) Open only to students pursuing departmental honors. They must apply for admission in spring quarter of junior year.

PSYCH 398-2 Senior Thesis Seminar (1 Unit) Open only to students pursuing departmental honors. They must apply for admission in spring quarter of junior year.

PSYCH 398-3 Senior Thesis Seminar (1 Unit) Open only to students pursuing departmental honors. They must apply for admission in spring quarter of junior year.

PSYCH 399-0 Independent Study (1 Unit) Consent of instructor required. Generally limited to juniors and seniors. See department requirements for eligibility.