

## Psychology Major Course Descriptions

Course Number	Title	Class Hours	Course Description	Prerequisites
PSY 1879G	Introductory Psychology	(3-0-3)	An integrated overview of the research methods, major themes, and content domains in psychology, including topics in the biological, cognitive, developmental, social/personality, and mental/physical health domains. As part of a course requirement, students will have the opportunity to participate in psychological research or summarize research articles in psychology journals. S6 900	
PSY 1890G	Introductory Psychology, Honors	(3-0-3)	An integrated overview of the basic methods and principles of psychology, including natural and social science contributions to the understanding of behavior and cognitive processes. SPE 912 WI	Admission to the University Honors College. Credit not given for both PSY 1890G and 1879G.
PSY 2610	Statistical Methods of Psychology	(3-2-4)	Introduction to the use of basic statistical methods in psychology. Topics include measures of central tendency and variability, application of the standard normal distribution, correlation and regression, and inferential statistics.	PSY1879G AND [MAT1271 or higher level math course with grade of C or better OR ACT math score of 26 or higher]
PSY 2999	Orientation to the Psychology Major	(1-0-1)	An introduction to the discipline and profession of psychology, including such topics as curricular and extracurricular opportunities in psychology, careers in psychology, and graduate training in psychology and related fields.	PSY 1879G, psychology major or permission of the instructor.
PSY 3260	Models of Group Therapy	(3-0-3)	Introduction to group processes and group therapy. Includes direct group experiences and information on the theoretical and empirical literature pertaining to group psychotherapy	PSY1879G AND approval of instructor prior to registration.
PSY 3310	Biological Psychology	(3-0-3)	Overview of the mediating role of the brain and other parts of the nervous system in behavior. Topics may include function of neurons, sensation, brain development, movement, sleep, reproduction, language, emotion, and psychological disorders.	PSY1879G
PSY 3450	Neuropsychology	(3-0-3)	This course examines the relationship between brain and behavior with an emphasis on the underlying causes, symptoms, and assessments of neuropsychological disorders.	PSY1879G
PSY 3515	Child Psychology	(3-0-3)	Introduction to the study of human development from conception to the onset of adolescence. Coverage includes basic concepts and theories related to development in typical children, including the processes of perception, cognition, social interaction, and affective and moral development. PSY 901	PSY1879G
PSY 3518	Language Development	(3-0-3)	Overview of how children typically progress in the development and use of language from birth to maturity, including examination of relevant issues, theoretical positions, and methodologies used in the study of language development. Topics may include the role of genetics, brain,	PSY1879G

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			and culture, as well as the development and use of language in special populations, such as bilingual children. Students receiving credit for CDS 2200 will not be allowed to receive credit for this course. This course is restricted to Psychology and BGS majors.	
PSY 3521	Psychology of Adolescence and Young Adulthood	(3-0-3)	Introduction to the study of human development in typical adolescents and young adults. Topics include biological changes; cognitive, moral, and identity development; the adolescent's relations with parents and peers; and achievement. Other topics may include work issues, sexuality, drug abuse, delinquency, and psychopathology. PSY 902	PSY1879G
PSY 3525	Psychology of Maturity and Old Age	(3-0-3)	Examination of factors and issues affecting the physical, psychological, and social development of individuals from young adulthood through the senior years. Topics may include developmental changes in sensory and biological processes, cognition, physical and mental health, sexuality, finances, living arrangements, retirement, and death. Ageism and stereotypes, methods of gerontological study, and theories of aging are discussed. PSY 903	PSY1879G
PSY 3530	Industrial/Organizational Psychology	(3-0-3)	Applications of the methods and principles of psychology to the workplace and other organizations. Topics may include job analysis, performance appraisal, personnel selection, employee training, worker motivation, leadership, job satisfaction, and worker stress. PSY 906	PSY1879G OR permission of the instructor
PSY 3590	Theories of Personality	(3-0-3)	Survey of classic and contemporary theories that explain stable individual differences in thought, feeling, and behavior. Includes examination of the empirical evidence supporting each theory, and evaluation of the theory's validity. PSY 907	PSY1879G
PSY 3620	Psychology of Learning	(3-0-3)	Introduction to the principles of learning derived from animal and human research, with particular emphasis on the application of these concepts to problems of human learning.	PSY1879G
PSY 3680	Sensation & Perception	(3-0-3)	Overview of the methods and principles of sensation and perception as analyzed through the study of the major senses of vision, hearing, touch, taste, and smell.	PSY1879G
PSY 3690	Controversial Topics in Psychology	(3-0-3)	Examination of current controversial topics in psychology through the analysis of selected readings and assignments.	PSY1879G
PSY 3710	Human Memory	(3-0-3)	This course surveys the basic principles of human memory research. Major topics include sensory and short-term memory, working memory, implicit memory, semantic memory,	PSY1879G

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			autobiographical memory, false memories, memory retrieval, and disorders of memory	
PSY 3720	Psychology of Gender	(3-0-3)	Examination of psychological perspectives on the formation of gender identity and sex roles; gender similarities and differences; and stereotypes, prejudice and discrimination based on gender and gender identity.	PSY1879G
PSY 3760	Judgment & Decision Making	(3-0-3)	This course examines the way individuals make judgments and decisions and how these decisions are influenced by cognitive and social processes. Strategies may be presented that improve the likelihood of making better and more effective decisions.	PSY1879G
PSY 3780	Abnormal Psychology	(3-0-3)	Examination of the etiology, classification, assessment, diagnosis, and treatment of psychological and associated disorders. Topics may include theoretical and empirical perspectives on psychopathology, assessment of mental illness, and various diagnostic categories including anxiety disorders, mood disorders, and schizophrenia. PSY 905	PSY1879G
PSY 3805	Research Methods and Experimental Design	(2-4-4)	Examination of research methodology in psychology, with emphasis on experimental methods. The entire research process is considered, including choosing research questions, developing hypotheses, designing and conducting research, describing, analyzing and evaluating data, and effectively communicating research findings. Students conduct empirical research and write reports using APA style. WI	PSY1879G AND PSY 2610 with a grade of C or better
PSY 3820	Cognitive Neuroscience	(3-0-3)	Examination of the brain's role in cognition. The brain is considered as a biological computational device whose output can be studied from various perspectives, including cognition, genetics, and mathematics in addition to biology. Topics include developmental processes and brain disorders that impair cognition.	PSY 1879G
PSY 3830	Cognitive Processes	(3-0-3)	Survey of research and theory in the core topics of cognitive psychology, including perception, memory, language, and problem solving.	PSY1879G
PSY 3870	Social Psychology	(3-0-3)	Examination of how individuals are affected by social situations. Includes attention to the methods used to study social behavior and how social psychology applies to everyday life. Topics may include person perception, social memory, affect, attitude change, social influence, group dynamics, prejudice, and interpersonal attraction. PSY 908	PSY1879G

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PSY 3900	Independent Study in Psychology	(Arr.-Arr.-1-6)	The study of topics in psychology through directed readings and individual instruction. Students conducting empirical research should enroll in PSY 4100A. Approval of instructor is required prior to registration. May be repeated once for credit and must be repeated prior to taking PSY 3900B. A maximum of three hours of Independent Study in Psychology (PSY 3900A-E) may be applied to the major in psychology.	
PSY 3970	Study Abroad	(Arr.-Arr.-1-15)	See STA 3970.	
PSY 4100	Undergraduate Research	(Arr.-Arr.-1-6)	An opportunity to engage in empirical research in psychology under the guidance of a psychology faculty member. Approval of instructor is required prior to registration. May be repeated for credit once and must be repeated prior to taking PSY 4100B. A maximum of three hours of Undergraduate Research (PSY 4100A-E) may be applied to the major in psychology. PSY 4100F is the only section that will meet the psychology major capstone requirement.	PSY 2610 AND PSY 3805 with a grade of C or better in both, OR permission of the instructor.
PSY 4250	History and Systems	(3-0-3)	A culminating academic experience for psychology majors that examines the history of psychology from early Greek philosophers to present-day researchers, including the future of psychology. Includes examination of the influence of historical and cultural contexts on psychological ideas and the major enduring questions about human affect, behavior, and cognition.	15 semester hours in psychology.
PSY 4260	Crisis Intervention	(3-0-3)	Examination of psychological intervention theories and current literature regarding trauma and posttraumatic stress, including practical guidelines for psychological interventions in such situations as intimate violence in family and partner relationships, grief and personal loss, crises in school settings, violence in the workplace, hostage negotiations, and disaster conditions.	20 semester hours in psychological or related areas.
PSY 4265	Methods in Behavior Management	(3-0-3)	Emphasizes applied research and techniques of behavior management applicable to a wide variety of settings and problems.	PSY1879G
PSY 4270	Theories of Psychotherapy	(3-0-3)	Examination of theories, techniques, and research related to contemporary systems of psychotherapy. Topics include the origins of therapeutic models and perspectives, the nature of the therapeutic process including assessment and diagnostic practices, and multicultural and ethical issues related to psychotherapy. WI	PSY3590 AND PSY3780
PSY 4274	Orientation to Undergraduate Internship	(1-0-1)	Introduction to undergraduate internship experience in psychology. Attention to professional behavior and ethics, and delivery of	Psychology major, 20 hours of psychology course work or permission of instructor.

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			psychological services in a range of applied settings.	
PSY 4275	Undergraduate Internship in Psychology	(Arr.-Arr.-3-6)	Supervised undergraduate internship that familiarizes students with the delivery of psychological services in a range of applied settings.	Psychology major, PSY 4274, 20 hours of psychology course work and permission of the instructor. Six hours is the maximum number of hours permitted.
PSY 4444	Honors Independent Study	(3-0-3)	In-depth examination of a specific topic in psychology of interest to the student, approved by faculty supervisor and Departmental Honors Coordinator.	Admission to the Departmental Honors Program, Permission of the Departmental Honors Coordinator.
PSY 4515	Children With Exceptionalities	(3-0-3)	Examination of issues applicable to children whose physical, cognitive, emotional, behavioral, and/or social functioning requires intervention. Topics include relevant laws, services available to children with exceptionalities, the impact on the family system, and causes and treatments for exceptionalities.	PSY1879G AND PSY3515
PSY 4585	Special Topics in Psychology	(3-0-3)	In-Depth examination of specific topics in psychology, through lectures, readings, papers, and discussion. The topic for each semester will be announced in advance by the Department Chair. The course may be repeated once per letter (i.e., 4585A) providing each section has a different course title.	
PSY 4590	Psychology Seminar	(3-0-3)	In-depth examination of a topic in psychology, through reading of primary research and other material, lectures, papers, and discussion. The topic for each semester and course prerequisites will be announced in advance by the Department Chair.	Major or minor in psychology.
PSY 4610	Advanced Statistics in Psychology	(3-2-4)	An in-depth and advanced treatment of the theory and application of statistics in psychological research (e.g., higher-order factorial analysis of variance, multiple regression), including the use of computer software for advanced data analysis.	PSY 2610 OR equivalent with a grade of C or better.
PSY 4620	Psychological Measurements: Fundamental Principles	(3-0-3)	Examination of psychometric theories and procedures involved in the construction and evaluation of intelligence, achievement, aptitude, personality, interest, and special ability tests. Topics include reliability, validity, diagnostic utility, norms, test construction and standardization, interpretation, and the ethical uses of tests and test data.	PSY 2610 OR equivalent with a grade of C or better.
PSY 4644	Honors Thesis	(Arr.-Arr.-3)	Intensive research in preparation of a thesis on a topic in psychology under the supervision of a faculty sponsor.	Admission to the Departmental Honors Program and permission of

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				the Departmental Honors Coordinator.
PSY 4666	Honors Seminar	(3-0-3)	A writing-intensive examination of theory and research in various areas of psychology, built around student-selected readings. May be taken twice.	Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.
PSY 4700	Prejudice and Discrimination	(3-0-3)	Examination of the psychological processes involved in prejudice and discrimination, the consequences of these behaviors, and possible remedies for prejudice and discrimination as directed toward a variety of groups.	PSY1879G OR SOC2710G
PSY 4755	Cross-Cultural Psychology	(3-0-3)	An in-depth study of how culture influences human thinking, feeling, and behavior. Theories and research addressing the impact of culture on various psychological concepts are examined. Topics may include consciousness, sensation and perception, problem solving and decision making, intelligence, emotion, motivation, behavior, social perception and interactions, development, and psychological disorders.	PSY1879G (Introductory Psychology) and (6 additional credits in psychology or permission of the instructor)
PSY 4810	Neuropsychopharmacology	(3-0-3)	Neuropsychopharmacology is the study of the neural mechanisms of drugs that influence thought, behavior, sensation, and mood. Research and theories on the mechanisms of neuropathology, pharmacodynamics (drug action), neurologic and psychiatric disorders, and states of consciousness may be covered. Details on neurotransmission, biochemical processes, and neural circuitry are presented.	PSY1879G and PSY3310