

PSYCHOLOGY (PSY) (PSY)

PSY 120 Introduction to Psychology 3 cr

A survey of the basic theories, concepts, principles, and research findings in the field of Psychology. Core course.

Cross-Listed: PSY 121

PSY 121 Honors Gen Psychology - H 3 cr

This course will provide a survey of the basic theories, concepts, principles, and research findings in the field of Psychology. Along with the broad overview provided by the course, students will participate in a more in-depth examination of selected special topics (e.g. those topics generating controversy in the research community and in our society) as selected by the instructor. By contrast with the PSY 120 Introduction to Psychology course already being taught, the Honors General Psychology course will provide a more thorough coverage of selected topics. Prerequisite: Special permission.

Cross-Listed: PSY 120

PSY 220 Res Design and Analysis I 3 cr

Research methods in psychology with an emphasis on the experimental method.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (EH 102 Minimum Grade of D or EH 105 Minimum Grade of D)

PSY 221 Research Desgn/Analysis I-Apps 1 cr

Laboratory in research methods in psychology with an emphasis on the experimental method.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 210 Minimum Grade of D) or PSY 121 Minimum Grade of D and (EH 102 Minimum Grade of D or EH 105 Minimum Grade of D)

Corequisite: PSY 220

PSY 250 Life Span Development 3 cr

An overview of human development from conception to death. Special emphasis will be placed on cognitive and social development. Core course.

PSY 270 Psy of Black Experience 3 cr

Theories and principles of psychology pertaining to the experience of black Americans. Includes the development of the black psychological perspective, African-American historical developments and philosophy, identity development and the determinants of the black personality, and contemporary issues in the black community.

PSY 290 Special Topics - 1-3 cr

Selected topics in psychology. May be repeated for credit when course content varies for a total of 12 credit hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 310 Biological Psychology I 3 cr

An introductory survey of research and theory in neuroscience as it applies to the understanding of behavior. Focus will be on understanding basic mechanisms of neuron function and general coverage of topics such as sensory and motor systems, motivation and emotion, learning and memory, language and thinking, and mental disorders.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 317 Applied Behavior Analysis I 3 cr

An introduction to the principles of behavior intended as a prerequisite to the specific strategies and procedures practiced by behavior analysts. This course will present the historical and scientific foundations of behavior analysis as applied in educational and other human service settings.

Prerequisite: (PSY 120 Minimum Grade of C or PSY 121 Minimum Grade of C or PSY 210 Minimum Grade of C) and (PSY 220 Minimum Grade of C or PSY 222 Minimum Grade of C)

PSY 320 Res Design-Analysis II-W 3 cr

Experience in applying methodological and statistical concepts introduced in PSY 220 and ST 210, as well as instruction in additional topics such as research and analysis. The course will emphasize the use of computers in conducting behavioral research (e.g. literature searches, collecting data, analyzing data, writing reports).

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D) and (EH 102 Minimum Grade of C or EH 105 Minimum Grade of C)

PSY 321 Research Desgn/Analysis II-App 1 cr

Laboratory in research methods in psychology with an emphasis on applying methodological and statistical concepts introduced in PSY 220 and PSY 320.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 210 Minimum Grade of D) or PSY 121 Minimum Grade of D and (PSY 220 Minimum Grade of D and PSY 222 Minimum Grade of D) and (EH 102 Minimum Grade of D and EH 105 Minimum Grade of D)

Corequisite: PSY 320

PSY 340 Abnormal Psychology 3 cr

Nature and development of deviant behavior.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 350 Child and Adolescent Dev 3 cr

The development and psychosocial aspects of childhood and adolescence.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 394 Directed Study 1-3 cr

Specific topics and research findings introduced through the reading of appropriate professional and scientific literature. Requires special permission. May be repeated for a total of 8 credit hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 395 Psychology Practicum 1-6 cr

Supervised experience in an area of psychology. May include supervised placement in an applied setting. May be repeated for a total of 12 credit hours.

Prerequisite: (PSY 120 Minimum Grade of C or PSY 121 Minimum Grade of C or PSY 210 Minimum Grade of C)

PSY 412 History-Systems Psy - W 3 cr

The historical foundations of modern psychology and the development of major theories in psychology.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (EH 102 Minimum Grade of C or EH 105 Minimum Grade of C)

PSY 414 Introduction to Clin Psych 3 cr

This course serves as a practical capstone for Psychology students interested in careers in professional Psychology. Through a series of lectures, readings, exercises, films, and demonstrations, this course will introduce student to the ways that clinical psychologists approach the conceptualization, assessment, diagnosis, and treatment of health problems. The course will focus on the scientific basis for the practice of clinical psychology.

Prerequisite: PSY 120 Minimum Grade of D or EH 102 Minimum Grade of D or EH 105 Minimum Grade of D

PSY 416 Cognition 3 cr

An overview of psychological research and theory in cognitive psychology. The course will emphasize how people gather, process, represent, and use information to guide thought and action. This course is an approved elective for students seeking gerontology certification.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 417 Applied Behav Analysis I-Intro 3 cr

An introduction to the principles of behavior intended as a prerequisite to the specific strategies and procedures practiced by behavior analysts. This course will present the historical and scientific foundations of behavior analysis as applied in educational and other human service settings. Prerequisites: PSY 120 or PSY 121 and PSY 220 or Education Teacher candidacy.

Prerequisite: (PSY 120 Minimum Grade of C or PSY 121 Minimum Grade of C or PSY 210 Minimum Grade of C) and (PSY 220 Minimum Grade of C or PSY 222 Minimum Grade of C)

PSY 418 Applied Behav Analysis II-Meth 3 cr

Behavioral assessment techniques and operant and respondent methods for deceleration of inappropriate behavior will be covered. Operant methods for accelerating appropriate behaviors, teaching new behaviors, and maintaining behaviors will be covered. Data-based decision making strategies will be used in developing and altering individual programs.

Prerequisite: PSY 317 Minimum Grade of C

PSY 419 App Behav Analysis III-Adv App 3 cr

Behavioral assessment techniques and experimental designs for the evaluation of behavior change programs will be covered. Data-based decision making strategies for formative program evaluation and modification are also included.

Prerequisite: PSY 417 Minimum Grade of C

PSY 420 Psychology of Learning 3 cr

Theories, experimental findings, and methods of investigation in learning.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 425 Mental Health and Law 3 cr

Selected topics in psychology and criminal Justice. An overview of the relevant federal and state laws, federal regulations and court rulings which address the issues of justice for preserving the rights of individuals with mental illness.

Prerequisite: PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D

PSY 428 Perception 3 cr

A critical analysis of the main theories and research trends in sensation and perception. This course will include computer simulations and demonstrations, and will also emphasize computer applications for data collection, data analysis, and for reporting results. This course is an approved elective for students seeking gerontology certification.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D) and (PSY 310 Minimum Grade of D or PSY 380 Minimum Grade of D)

PSY 435 Social Psychology 3 cr

A survey and analysis of major theoretical and experimental topics of interest in social psychology, such as how we perceive others, attitude, interpersonal attraction, aggression, prejudice and altruism.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 440 Psychology of Personality 3 cr

A survey and critical analysis of major historical and current theories about personality. The course will also examine research relevant to the different approaches and consider various techniques of personality assessment.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 456 Adult Development and Aging- 3 cr

The development and psychosocial aspects of adulthood and late life. This course is an approved elective for gerontology certification.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of C or PSY 210 Minimum Grade of D)

Cross-Listed: PSY 356

PSY 460 Industrial Psychology 3 cr

Application of psychological principles and techniques to business, industry, and government.

Prerequisite: PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D

PSY 465 Intro to Measurements-Tests 3 cr

This course will provide a survey of the methodology of assessment, test design and construction, test administration and scoring, achievement and intelligence testing, personality observations and inventories, and issues in ethics and applications of testing.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or ST 210 Minimum Grade of D)

PSY 470 Intellectual Disabilities 3 cr

The study of theories and research in intellectual disabilities and related areas.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 475 Comparative Evolutionary Psy 3 cr

A critical analysis of the main theories and research trends in comparative and evolutionary psychology. This course is an approved elective for students seeking gerontology certification.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 480 Health Psychology - W 3 cr

Current theories, research and applications in health psychology.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D) and (EH 102 Minimum Grade of C or EH 105 Minimum Grade of C)

PSY 485 Psychology of Gender 3 cr

The study of psychological research on gender differences and theories regarding the origins of these differences.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or ST 210 Minimum Grade of D)

PSY 490 Special Topics 1-3 cr

Selected topics in psychology. May be repeated for a total of 12 credit hours when course content varies.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 492 Seminar - 1-3 cr

A survey of basic theories, concepts, principles, and research findings in a particular focal topic in psychology. Students will study topics in depth by reading and presenting research reports, review papers and book chapters, and through active in-class discussion of the reading materials. Requires permission of department chair. May be repeated up to 2 times when content varies for a total of 6 credit hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 494 Directed Studies - 1-3 cr

Directed study and research. Requires special permission. May be repeated for a total of 8 hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 499 Honors Senior Thesis-H 3-6 cr

Student conducts an independent research project under the supervision of a faculty sponsor. Recommended for psychology majors planning graduate school. Permission of department chair is required prior to registration. Requires GPA of 3.3 or higher. May be repeated for a total of 6 credit hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 500 Proseminar in Psychology 1 cr

Research presentations will be given by faculty and advanced graduate students. In addition, discussion of project and thesis requirements and procedures will take place. Required of all students registered for PSY 500, 502, and 503.

PSY 501 Research Design and Stats I 3 cr

Theories and principles of research design and elements of modern statistics. Introduction to computer programs for statistical analysis will be included.

Corequisite: PSY 500

PSY 502 Research Design and Stats II 3 cr

Theories and principles of advanced research design and elements of modern statistics. The use of computer applications such as SPSS to analyze empirical data sets will be covered.

Prerequisite: PSY 501 Minimum Grade of B or PSY 521 Minimum Grade of B

Corequisite: PSY 500

PSY 503 Quantitative Methods II 3 cr

Elements of modern statistics with emphasis on application to psychological research. Multivariate statistical techniques to include multiple regression, multivariate analysis of variance, discriminant, canonical, and factor analysis will be discussed.

Prerequisite: (PSY 502 Minimum Grade of B or PSY 522 Minimum Grade of B)

Corequisite: PSY 500

PSY 506 Prof Ethics and Standards 3 cr

An introduction to professional and ethical issues as they pertain to psychology. Focus is on the development of an ethical and professional awareness in the practice of psychology, including teaching and research.

PSY 507 History of Psych & Prof Ethics 3 cr

This course provides instruction through readings, lecture, and case studies in the application of ethics in the professional practice of psychology. In addition, the course focuses on the philosophical foundations, professional identity, and standards of practice found in both clinical psychology and counseling psychology.

PSY 510 Physiological Psychology 3 cr

This course provides a foundation in the techniques of advanced psychophysiological methods. The course covers the history of psychophysiology, including the electrical properties of cells, and major organ systems, with particular emphasis on the electroencephalogram (EEG) and neuroimaging techniques. Students are introduced to the principles of psychophysiological recording, common applications of psychophysiology, safety and ethics in psychophysiological research, instrumentation, and research design issues in psychophysiology. Relevant statistical treatment of psychophysiological data will be discussed, including multiple regression, complex ANOVA, scaling of data, and non-parametric alternatives such as bootstrapping.

PSY 512 Adv History/Systems Psychology 3 cr

An advanced course in the historical foundations of modern psychology and the development of major theories in psychology.

PSY 514 Learning 3 cr

A survey of research and theory in learning.

PSY 516 Cognitive Psychology 3 cr

An advanced survey of research and theory in cognitive psychology. Topics include pattern recognition, attention, memory, language processing, decision making, and problem solving. This course is an approved elective for students seeking gerontology certification.

PSY 520 Personality Res and Theory 3 cr

A critical analysis and evaluation of major theories and current research trends in personality.

PSY 522 Soc & Personality Psychology 3 cr

This course provides a foundation for conducting quantitative research in personality and social psychology. Topics covered will include (a) measurement of personality and individual differences (e.g., narcissism, self-esteem), (b) measurement of cognitive and behavioral outcomes in laboratory and non-laboratory settings (e.g. decision-making, implicit cognitions), and (c) data analytic techniques (e.g. testing for mediation/moderation, structural equation modeling).

PSY 524 Lifespan Development 3 cr

Analysis of theories, research methods, and major findings of sensory, perceptual, social, and cognitive changes across the lifespan, from infancy to late life. Research in social and cognitive development, including cognitive disabilities, the underlying mechanisms involved in thinking and learning processes, and age-related cognitive models are central to this course. **This course is an approved elective for students seeking gerontology certification.

PSY 528 Sensation and Perception 3 cr

This course provides a multidisciplinary analysis of how the sensory systems analyze physical stimuli to support perception and successful actions. Consideration is given to how the anatomy and physiology of the major sensory systems extract information using low- and high-level mechanisms to create meaningful percepts. Other topics include psychophysics, comparative studies, communication, production and performance, face and object recognition, attention, and event perception.

PSY 530 Applied Psy & Dx Interviewing 3 cr

Theories, principles and techniques of interviewing, behavioral observation and classification of psychological disorders.

PSY 532 Psychopathology 3 cr

Current research and theoretical aspects of psychopathology in children and adults.

PSY 540 Psychometrics 3 cr

Theories and methods of test construction and principles of measurement and evaluation in the behavioral sciences.

PSY 542 Cognitive Assessment 3 cr

Principals and methods of individual intelligence testing, including the administration of the Wechsler and the Stanford-Binet tests. Practical experience in the administration, interpretation and report writing of a psychological evaluation using intelligence tests.

Prerequisite: PSY 530 Minimum Grade of B and (PSY 540 Minimum Grade of B or PSY 571 Minimum Grade of B)

PSY 544 Personality & Affective Assmt 3 cr

Theory, development and interpretation of selected personality assessment instruments. Methods and procedures in administering and interpreting personality, aptitude and career interest tests.

Prerequisite: (PSY 540 Minimum Grade of B or PSY 571 Minimum Grade of B) and (PSY 542 Minimum Grade of B or PSY 575 Minimum Grade of B)

PSY 550 Evidenced Based Clin/Coun Prac 3 cr

Study of the theoretical and empirical foundations of the major systems of psychotherapeutic change.

PSY 552 Multicultural Issues in Psy 3 cr

This course will focus on theoretical models, research, techniques, and interventions for working with culturally diverse populations in various settings. Specific issues to be addressed include world views, acculturation and acculturative stress, prejudice and prejudice-reduction techniques, racial/ethnic identity, culture and assessment, and the nature of multicultural competence in Psychology. Issues related to ethnic and racial identity will form the primary focus; however, other types of diversity (e.g., religion, gender, sexual orientation, physically challenged) will also be considered.

Prerequisite: (PSY 550 Minimum Grade of B or PSY 589 Minimum Grade of B) and PSY 506 Minimum Grade of B and PSY 530 Minimum Grade of B and (PSY 532 Minimum Grade of B or PSY 561 Minimum Grade of B)

PSY 554 Cognitive Behavior Therapy 3 cr

A follow up course to PSY 550, this course will survey theory, research and application of cognitive behavior therapy. Focus will be on treatment strategies and application to a variety of psychological disorders of adults and children.

Prerequisite: PSY 530 Minimum Grade of B and (PSY 532 Minimum Grade of B or PSY 561 Minimum Grade of B) and (PSY 550 Minimum Grade of B or PSY 589 Minimum Grade of B)

PSY 556 Practicum 1-3 cr

Supervised experience with adult and children clients. Includes case conference and seminars. May include supervised placement in an applied setting. May be repeated up to five times for a total of 18 credit hours.

Prerequisite: (PSY 532 Minimum Grade of B or PSY 561 Minimum Grade of B) and (PSY 550 Minimum Grade of B or PSY 589 Minimum Grade of B)

PSY 558 External Practicum 3-5 cr

Supervised placement in an applied setting. May be repeated four times for a total of 15 credit hours.

Prerequisite: PSY 552 Minimum Grade of B and PSY 554 Minimum Grade of B

PSY 570 Intel Disable/Autism Spec Dis 3 cr

A study of theories and research related to Intellectual Disabilities and Autism Spectrum Disorders.

PSY 572 Child Psychopathology 3 cr

The description and etiology of deviant behavior patterns in children and adolescents.

Prerequisite: (PSY 532 Minimum Grade of B or PSY 561 Minimum Grade of B)

PSY 575 Comparative Psychology 3 cr

An in-depth analysis of the proximal and ultimate causes of animal and human behavior examined from the perspectives of comparative and evolutionary psychology, psychobiology and ethology. Relevant research in animal models of biological and cognitive systems, learning and motivation, lifespan development and related biopsychosocial factors will be included. ** This course is an approved elective for students seeking gerontology certification.

PSY 586 Cognitive Neuroscience 3 cr

This course includes an advanced and integrative study of the experimental study of cognition and neuroscience. Topics include sensation and perception, memory, learning, language, metacognition, intelligence, problem solving, decision making, mental imagery, consciousness, attention, and the development of cognition through the life span. Major theoretical perspectives and current research within the fields of cognition and neuroscience are discussed. This course also provides students with a basic understanding of the neural underpinnings of a variety of cognitive processes.

PSY 590 Sp Top in Psychology - 1-3 cr

Selected topics in psychology. May be requested for credit when course content varies for a total of 12 credit hours.

PSY 594 Dir Individual Study 1-3 cr

Individual study under the direction of a member of the graduate faculty. May be repeated for up to 9 hours credit.

PSY 598 Project in Psychology 1-6 cr

Completion of a research project, program proposal, program evaluation, major literature review or other comparable experience under the direction of a member of the graduate faculty. IRB or Animal Use and Care Committee approval may be required for some projects. May be repeated for up to 6 hours credit. A minimum of 3 hours is required to meet degree requirements.

PSY 599 Thesis Research 1-6 cr

Completion and oral defense of a master's thesis based upon original research. May be repeated for up to 9 hours credit. A minimum of 6 hours is required to meet degree requirements. Prerequisite: Approval of research prospectus including IRB or Animal Use and Care Committee approval if applicable.