

# PSYCHOLOGY (PY)

## **PY 0098 Comprehensive Exam in Applied Psychology 0 Credits**

The comprehensive examination in applied psychology requires candidates to demonstrate understanding and mastery of a broad body of relevant knowledge in psychology, as well as the ability to synthesize this knowledge in the creation of sophisticated essays. Candidates are eligible to take the master's comprehensive examination after successful completion of 24 credits, 18 of which must be specifically in psychology. Cumulative GPA of 3.0 required to sit for the exam.

## **PY 0099 Comprehensive Examination in School Psychology 0 Credits** **Prerequisites:** PY 0430, PY 0433, PY 0435, PY 0436, PY 0438, PY 0446.

The comprehensive examination in school psychology requires candidates to demonstrate understanding and mastery of a broad body of relevant knowledge in psychology, as well as the ability to synthesize this knowledge in the creation of sophisticated essays. Before candidates take the comprehensive examination, they must have completed, or be in the process of completing, 24 credits.

## **PY 0101 General Psychology 3 Credits**

This course introduces the science of mental processes and behavior by addressing a range of questions including: How is brain activity related to thought and behavior? What does it mean to learn and remember something? How do we see, hear, taste, and smell? How do we influence one another's attitudes and actions? What are the primary factors that shape a child's mental and emotional development? How and why do we differ from one another? What are the origins and most effective treatments of mental illness?

## **PY 0111 Developmental Psychology for Non-Majors 3 Credits**

The course encompasses a developmental psychology approach to the growth of the individual from birth to old age, tracing motor, perceptual, language, cognitive, and emotional growth and emphasizing normal development. Psychology majors and students who have taken PY 0211 or PY 0212 may not take this course.

## **PY 0118 Psychology of Death and Dying 3 Credits**

**Attributes:** HSSS Health Studies: Social Science

Recent biomedical research, psychological theory, and clinical experience provide the foundation for this life-cycle study of death, dying, and bereavement. Some topics include the funeral process, cultural differences, suicide, the hospice approach, end-of-life issues, and euthanasia.

## **PY 0121 Fundamentals of Social Psychology 3 Credits**

This course surveys the major areas of concern in social psychology, emphasizing current issues and research in the fields of social influence and conformity, human aggression, prejudice, interpersonal attraction, propaganda, and persuasion. Psychology majors and students who have taken PY 0221 may not take this course.

## **PY 0122 Psychology and the Law 3 Credits**

Implicit psychological assumptions about human behavior and how it should be controlled form the basis for the legal system, particularly our criminal justice system, from its code to its enforcement. This course examines those assumptions in light of current psycho-legal theory and research. It covers the treatment of traditional psychiatric populations (the mentally ill, mentally retarded, homeless) by the justice system in contrast to that received by normal people; clinical issues such as the insanity defense, predicting dangerousness, the validity of psychiatric examinations and lie detectors; and jury selection, eyewitness testimony, decision-making, sentencing, and parole.

## **PY 0124 Introduction to Industrial/Organizational Psychology 3 Credits**

This course introduces the field, contributions, and methods of industrial/organizational psychology. It covers the history of this branch of applied psychology and the psychologist's role, along with other scientist-practitioners concerned with the world of work, in developing and maintaining human work performances and work environments. The course explores current concepts and methods in several specialties within this field: personnel, organizational behavior and development, counseling, labor relations, consumer, and engineering/ergonomic psychology. Topics include recruitment, selection, training and development, and appraisal of individuals and groups; development and change of organizational cultures; and relations between organizations and their stakeholders. The course emphasizes the unique contributions of psychological science to understanding human work skills, interests, attitudes, motivations, satisfactions and stresses; work careers, management, leadership, communication, group processes, and organization.

## **PY 0131 Abnormal Psychology for Non-Majors 3 Credits**

**Attributes:** HSSS Health Studies: Social Science

This course introduces students to the field of abnormal behavior, presenting the classic behavior patterns in the classification system and discussing the possible causes and remediation of such. Psychology majors and students who have taken PY 0231 may not take this course.

## **PY 0201 Statistics for Life Sciences 4 Credits**

**Attributes:** EVAP Environmental Studies: Applied Professional Skills

**Corequisite:** PY 0201L.

This introductory course in statistical methodology and analysis includes descriptive statistics such as frequency distributions, central tendency, variability, and correlation as well as an introduction to probability, sampling theory, and tests of significance including the t-test, chi-squared, ANOVA, and non-parametric statistics. This course is open to majors in the behavioral, biological, and physical sciences. The lab complements the course by giving students supervised computation and problem-solving exercises using calculators and computers. Note: This course does not fulfill any core requirements.

## **PY 0201L Statistics Lab 0 Credits**

**Attributes:** EVAP Environmental Studies: Applied Professional Skills

**Corequisite:** PY 0201.

## **PY 0202 Research Methods in Psychology 4 Credits**

**Prerequisites:** PY 0101, PY 0201.

Building on PY 201 Statistics, this course teaches students to read, evaluate, design, conduct, and report psychological research. The course emphasizes critical thinking and effective oral and written communication. Students work through several different research projects.

## **PY 0211 Developmental Psychology for Majors 3 Credits**

**Prerequisite:** PY 0101.

Using a research-oriented approach, this course focuses on the principal themes, processes, and products of human development from conception through adolescence. Students who have taken PY 111 or PY 212 may not take this course.

## **PY 0212 Developmental Psychology for Majors with Lab 4 Credits**

**Prerequisite:** PY 0101.

Although the content of this course is identical to PY 0211, it offers psychology majors the opportunity to participate in a laboratory experiential learning component in preschool Head Start classrooms. Specific hands-on assignments complement course material. Students who have taken PY 0111 or PY 0211 may not take this course.

**PY 0215 Adult Development and Aging****3 Credits****Prerequisite:** PY 0101.

This course examines the theoretical underpinning and current research related to a number of key issues in the field of adult development and aging including physical, cognitive, and social-emotional changes, diseases, and disorders, as well as successful aging and resiliency.

**PY 0217 Cross-Cultural Perspectives on Lifespan Development****3 Credits****Prerequisite:** PY 0111 or PY 0211 or PY 0212.

This course explores various developmental processes and cultural practices across the lifespan such as rites of passages, marriage, parenting, and gender equality from cultures across the globe. How do different cultures view various developmental milestones? What is similar across cultures? What is different? Ultimately, from a psychological perspective, what exactly is culture? And what variations in the course of development can be traced to the influence of culture?

**PY 0221 Social Psychology****3 Credits****Prerequisite:** PY 0101.

This course surveys the major areas of concern in social psychology, emphasizing current issues and research in the fields of social influence and conformity, human aggression, prejudice, interpersonal attraction, propaganda, and persuasion. Students who have taken PY 0121 may not take this course.

**PY 0222 Stereotyping, Prejudice, and Discrimination****3 Credits****Attributes:** PJST Peace and Justice Studies, UDIV U.S. Diversity**Prerequisite:** PY 0101.

This course will familiarize students with basic and applied social psychological research on stereotyping, prejudice, discrimination, and minority experience. After considering the cognitive and motivational factors that contribute to stereotyping and prejudice, we will proceed to examine prejudice in the "real world," exploring literature on discrimination-related policies, effects of stereotyping, prejudice, and identity on achievement and status, and prejudice reduction programs. The course will take a primarily empirical approach, focusing on the ways in which scientific methods and empirical evidence can inform our understanding of these emotionally-charged and socially consequential issues.

**PY 0231 Abnormal Psychology for Majors****3 Credits****Attributes:** HSSS Health Studies: Social Science**Prerequisite:** PY 0101.

This advanced course in abnormal behavior offers an in-depth analysis of current research and theories of psychopathology. It examines the biological and psychological antecedents of abnormal behavior. The course emphasizes oral and written analysis.

**PY 0232 Theories of Personality****3 Credits****Prerequisite:** PY 0101; PY 0111 or PY 0211 or PY 0212.

The advanced presentation, analysis, and evaluation of theories of personality from Freud through Skinner broadens student understanding of the normal human personality in terms of theoretical structure, function, and dynamics, while enriching theoretical and historical understanding of the topic.

**PY 0233 Gender and Mental Health****3 Credits****Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** PY 0101.

This course will explore the relationship between gender and mental health. Topics to be discussed include gender identity, gender differences in development throughout the lifespan, the impact of social and societal gender expectations on functioning, as well as gender differences in the response to trauma and victimization. The course will also include an in-depth examination of sex differences in clinical disorders such as depression, anxiety, eating disorders, PTSD, and personality disorders.

**PY 0234 Theories in Psychotherapy****3 Credits****Prerequisites:** PY 0101, PY 0231.

This course explores similarities and differences across a wide range of psychotherapeutic endeavors by means of lectures, films, and tapes. The course covers traditional psychoanalytic techniques and more recent innovations.

**PY 0236 Human Neuropsychology****3 Credits****Attributes:** HSST Health Studies: Science and Technology**Prerequisites:** PY 0261.

Human neuropsychology is a branch of psychology that focuses on functional structures and systems of the human brain and how they support various higher order psychological processes (e.g., learning, attention, executive functioning, higher-order thinking, memory, language, emotion, and motor skills). This course thus concentrates on the brain-behavior relationships beyond the cellular-molecular level, with an emphasis on typical life-span development and common neuropathological syndromes (e.g., strokes, dementia, and traumatic brain injury) in relation to functional structures and systems of the human brain. Assessment and treatment interventions of neuropsychological disorders are addressed within this context.

**PY 0238 Psychological Testing****3 Credits****Prerequisites:** PY 0101, PY 0201.

This course offers an introduction to the principles of psychological test construction, administration and interpretation, and reviews the roles that these tests have in a broad clinical assessment and research. Specific evaluation of test reliability and validity are applied to test construction and to various published tests of intelligence, achievement, personality, and neuropsychological functioning.

**PY 0251 Cognitive Psychology****3 Credits****Prerequisite:** PY 0101 or PY 0261.

How can we study the mind? This course surveys topics in cognitive psychology, including attention, memory, thought, imagery, language, problem solving, and decision making. Through lectures, readings, demonstrations, and exercises, students learn about how we think and about scientific explorations of the mind.

**PY 0252 Learning and Applied Behavior Analysis****3 Credits****Prerequisite:** PY 0101 or PY 0261.

This course focuses on the environmental determinants of behavior and behavior change. The first two-thirds of the course highlight current concepts and research in Pavlovian and operant conditioning, reinforcement, discrimination, extinction, punishment, avoidance learning, etc. The remaining third of the course emphasizes applied behavior analysis (aka: behavior modification) that is, how these learning concepts and principles can be successfully applied to education, parenting, therapy, medicine, and everyday life.

**PY 0261 Behavioral Neuroscience****3 Credits**

Understanding the brain is one of the last and most challenging frontiers of science. Our brain functioning determines what we see, hear, know, think, or feel. Starting with the molecular and cellular machinery of neurons and the anatomy of the nervous system, the course proceeds through the neural basis of sensation, perception, memory, emotion, language, sexual behavior, drug addiction, depression, schizophrenia, etc. The enormous strides made by neuroscience in the last several decades show every sign of continuing and increasing; this course provides the foundation upon which a thorough understanding of brain-behavior relationships can be built.

**PY 0262 Sensation and Perception****3 Credits****Prerequisite:** PY 0101 or PY 0261.

How do we see, hear, touch, taste, and smell? What about individual differences? This course deals with basic sensory mechanisms and with perceptual processing. Students examine color, depth, pattern, and motion perception and complete an integrative final project. Students may do experiential learning to enrich their understanding of individual differences in sensation and perception.

**PY 0272 Hormones and Behavior****3 Credits****Prerequisite:** BI 0171, BI 0172; or PY 0261.

This upper level course in psychology will provide students with an overview of behavioral neuroscience, with an emphasis on behavioral endocrinology (hormones and behavior). Topics include the description of major classes of hormones, the techniques used in behavioral neuroscience, and the discussion of hormone-mediated behaviors including male and female reproductive behaviors, stress / fear, memory and cognition, parental behaviors, ingestive behaviors, and circadian rhythms. After weekly mini-review sessions of the relevant text, this course will emphasize primary research (journal) articles with student-led discussions.

**PY 0274 Drugs and Behavior****3 Credits****Attributes:** HSSS Health Studies: Social Science**Prerequisite:** PY 0261.

This survey course discusses the psychopharmacological properties of the more significant drugs used for research and by society in general. Drug classes include alcohol and nicotine, depressants and stimulants, tranquilizers, opium derivatives, and hallucinogenic compounds. The course emphasizes drug action sites in the central nervous system as well as behavioral alteration in controlled and uncontrolled environments.

**PY 0281 Special Topics (Shell)****3 Credits****Prerequisite:** PY 0101.

This intermediate level course focuses on a specific issue or topic in one of the major areas of psychology, including but not limited to social, cognitive, clinical, developmental, or biological psychology. In successive offerings, the content of this course will vary considerably. Thus, students may take more than one section of the course provided the content is different.

**PY 0281F Special Topics: Community Behavioral and Mental Health****3 Credits**

This course will provide an overview of the social and psychological foundations of community mental health practice. Using psychological knowledge of healthy human development across the lifespan, major public health issues will be explored. Particular emphasis will be placed on identifying risk and protective factors relevant to the development of effective preventative and remedial interventions to address important public health problems such as homelessness, drug, alcohol, and tobacco addiction, family violence (child, spouse, elder), community violence, depression and suicide, teen pregnancy and sexually transmitted diseases, obesity, insufficient nutrition, etc.

**PY 0291 Internship in the Teaching of Psychology****3 Credits****Prerequisite:** PY 0101.

Racism, sexism, classism, and their attitudinal and behavioral corollaries, bias, prejudice, and discrimination are characteristics of American culture that have plagued society and compromised America's democratic ideals throughout its history. The course explores the notion of race as a social construct and the development of individual cultural and racial identities, as well as ethnocentrism, racism, and ways to counter racism. All cognition takes place in the context of culture. The course also explores the influence of culture on cognition, between people in monocultural race/ethnic groups and within bicultural groups. An experiential component offers multicultural exposure.

**PY 0295 Supervised Research****3 Credits****Prerequisites:** PY 0202.

The course provides research training experience in a supervised setting in which students work closely with a faculty mentor on various research projects. Such work may include assisting in designing and running lab research, data analysis, field experience, and library research. This hands-on experience enhances students' understanding of issues in research design and analysis, and prepares them for more advanced research opportunities should they choose to pursue them (e.g., independent research). Student researchers are expected to spend a minimum of 10 hours per week in their faculty mentor's lab. Enrollment by permission only.

**PY 0301 Senior Seminar: Modern Psychology: History and Current Issues****3 Credits**

This seminar introduces students to the major historical perspectives in psychology; encourages critical thinking and the generation of creative ideas; and helps students engage in thoughtful questioning of the theory and knowledge base that constitutes the science of psychology. Open to senior psychology majors. Permission of the instructor is required for junior psychology majors.

**PY 0321 Current Issues in Social Psychology****3 Credits**

This seminar engages with current issues in social psychological research. Although the specific topics covered in the course will change from semester to semester, the course will be structured to present an overview of each topic domain (through review articles and seminal empirical articles) followed by more contemporary readings on the topic and a discussion of current debates and open issues. Throughout the course, we will focus on applying insights from social psychological research to "real world" issues such as increasing individual well-being, supporting and maintaining healthy social relationships, creating more just and equitable communities, and improving judgment and decision-making.

**PY 0322 Senior Seminar: Health Psychology****3 Credits****Attributes:** HSSS Health Studies: Social Science

This course provides an in-depth survey of the discipline of health psychology framed within the context of socio-cultural factors such as ethnicity, gender and socio-economic status. Among the topics covered: stress, coping behaviors, biomedical and biopsychosocial models of health and illness, health behaviors, patient-provider communication. The students explore new ways to integrate theory and research with the advances in the science and practice of health psychology, and present their work in a final independent project. Open to senior psychology majors. Permission of instructor is required for junior psychology majors and non-majors.

**PY 0331 Senior Seminar: Abnormal Child Psychology** **3 Credits**  
**Prerequisites:** PY 0111 or PY 0211 or PY 0212.

This course provides a survey of the theory and research in the field of clinical psychology related to children and adolescents. More specifically, the seminar explores: the diagnostic characteristics of the major types of child psychological disorders, the etiology of each disorder from the different theoretical perspectives, and effective approaches to treatment and prevention. Open to senior psychology majors. Permission of the instructor required for junior psychology majors and non-majors.

**PY 0332 Senior Seminar: Current Issues in Clinical Psychology** **3 Credits**

This course provides an in-depth exploration of current research and practice in the field of clinical psychology. Factors that contribute to the etiology, maintenance, identification and treatment of psychological distress will be discussed. The course will also include an in-depth examination of clinical disorders including mood, anxiety, psychotic, eating, traumatic stress, and personality disorders. Treatment, resilience and coping will also be discussed. Open to senior psychology majors. Permission of the instructor required for junior psychology majors.

**PY 0351 Senior Seminar: False Memories** **3 Credits**

Can people repress memories for childhood trauma? How accurate are eyewitnesses at reporting what they saw? Although most of the time, our memories serve us quite well, many of the strategies and mechanisms that help us remember accurately can also lead to errors. This course examines various types of memory distortions and what they can tell us about the mechanisms of memory. Through readings and class discussions, we will explore research addressing confusions between real and imagined memories, the reliability of eyewitnesses recollections, children's suggestibility, as well as clinical issues such as repression and dissociation from a cognitive perspective. Open to senior psychology majors. Permission of instructor is required for junior psychology majors.

**PY 0361 Senior Seminar: Current Issues in Behavioral Neuroscience** **3 Credits**  
**Prerequisite:** PY 0261.

This senior seminar will provide students with an overview of current research in behavioral neuroscience, with particular emphasis on behavioral endocrinology (hormones and behavior). It is strongly recommended that students complete PY 0261 before enrolling, although exceptions may be made. After a brief overview of a particular topic, including discussion of brain areas involved and techniques used to examine them, this course will emphasize current research articles in neuroscience. Specifically, how is behavioral neuroscience used to examine mechanisms behind certain behaviors and to treat anomalies? Areas of focus include clinical conditions (Alzheimer's, Autism, Post-partum depression) and addictive behaviors/drugs of abuse (Alcohol, Cannabis, Anabolic Androgenic Steroids). Open to senior psychology majors. Permission of the instructor required for junior psychology majors and non-majors.

**PY 0365 Neuroanatomy and Behavior** **3 Credits**  
**Prerequisite:** PY 0261.

This hands-on laboratory course in behavioral neuroscience will introduce students to comparative neuroanatomy using rat, sheep, and human brain specimens. Students will participate in animal handling, brain sectioning, small animal surgeries, and drug administration, and will gain experience with rodents on a number of behavioral assays, including tests for spatial memory and reproductive behaviors. In small group exercises, students will become proficient in critiquing and presenting scientific literature, and will help in all stages of an experiment, from design to data collection to analysis and the writing up and presentation of results. In addition, students may work on a service-learning project with a community partner during the semester. Enrollment by permission only.

**PY 0365L Neuroanatomy and Behavior Lab** **1 Credit**  
**Corequisite:** PY 0365.

**PY 0381 Senior Seminar: Special Topics (Shell)** **3 Credits**

In this seminar, students undertake an in-depth study of a current topic in psychology, using mostly primary sources. Coursework emphasizes discussion and writing. Open to junior and senior psychology majors or by permission of instructor.

**PY 0391 Internship in Applied Psychology** **3 Credits**

Senior psychology majors gain practical, career-related experience in a variety of supervised field settings through the internship program. Student interns choose from a wide selection of placements in traditional psychology-related programs: mental health, social service, school psychology, early child and special education, probation, and hospital administration. Intern placements in related disciplines include human factors engineering, human resource development, advertising, and public relations. Internships emphasize the integration of learning, both cognitive and experiential. Interns may register for one or two semesters, depending on the availability of appropriate placement sites and qualified supervisors. Interns spend a minimum of 10 hours per week in on-site work and complete the required academic component specified by the faculty coordinator. Enrollment by permission only.

**PY 0392 Internship in Applied Psychology** **3 Credits**

Senior psychology majors gain practical, career-related experience in a variety of supervised field settings through the internship program. Student interns choose from a wide selection of placements in traditional psychology-related programs: mental health, social service, school psychology, early child and special education, probation, and hospital administration. Intern placements in related disciplines include human factors engineering, human resource development, advertising, and public relations. Internships emphasize the integration of learning, both cognitive and experiential. Interns may register for one or two semesters, depending on the availability of appropriate placement sites and qualified supervisors. Interns spend a minimum of 10 hours per week in on-site work and complete the required academic component specified by the faculty coordinator. Enrollment by permission only.

**PY 0395 Independent Research** **1-4 Credits**  
**Prerequisite:** PY 0202.

This course involves a limited number of upper-division students (usually seniors) in all aspects of an advanced research project. Students must obtain the consent of the professor with whom they will work prior to registering for this course. Frequently a research proposal is required prior to acceptance into this course; early planning is essential. Enrollment by permission only.



**PY 0401 Special Topics in Psychology (Shell)****1-3 Credits**

The special topic course varies in content, as needed, in order to provide timely opportunity to explore time sensitive, new and emerging topics and foci on a one-time basis, or to offer a pilot section of a new course in development. Each special topic course will have a unique focus, clearly identified in the course title after the colon. Candidates may take a special topic course more than once, as long as the course content and foci are distinctly identified.

**PY 0403 Introduction to Play Therapy****3 Credits**

This course provides candidates with instruction in client-centered play therapy. Course objectives include enhancing sensitivity to children's issues, developing an awareness of the world as viewed by children, increasing the ability to communicate effectively with children using play techniques, understanding children's behavior, communicating effectively with parents, and developing basic play therapy skills. Candidates also view demonstrations of actual play therapy sessions and gain experience applying play therapy strategies with children. This course is available to candidates enrolled in a certification program or those who are already certified.

**PY 0406 Organizational Development****3 Credits**

**Prerequisites:** PY 0420, PY 0435, PY 0545.

This course explores and analyzes the various methods and techniques for effective organizational development in contemporary organizations. The course focuses on models, case studies, and candidate examination of organizations with which they are affiliated. Candidates identify and study key success factors such as organizational culture, leadership, and history.

**PY 0420 Introduction to Industrial and Organizational Psychology****3 Credits**

This course introduces the application of psychological concepts, principles, and methods to process issues and problems in the work environment. Topics include personnel selection, training and development, work motivation, job satisfaction and effectiveness, work design, and organizational theory. For students interested in the 5-year Integrated Bachelor's/Master's degree in Industrial/Organizational Psychology permission of the instructor is required. May be used by Psychology majors as a Psychology elective towards the undergraduate degree if PY 0124 has not been taken.

**PY 0430 Issues in Professional Practice in School Psychology****3 Credits**

Among the first courses that should be taken in the School Psychology program, this course presents a realistic view of school psychology, permitting participants to interview school psychologists and other school personnel in the field about the role of the school psychologist. It serves as a vehicle to affect the future of school psychology by empowering future school psychologists, and it introduces the issues primary to the profession and practice of school psychology. Topics include special education law; professional ethics; the history of school psychology; a tripartite model of service delivery; the "scientific practitioner" approach; consultation; child development and system theory as a basis for practice; advocacy for and education about the school psychologist's role; and an introduction to federal and state educational systems within which the profession operates.

**PY 0433 Behavioral Statistics****3 Credits**

Participants study descriptive and inferential statistics with an emphasis on methodological and technological applications in the behavioral sciences. Topics range from measures of central tendency to parametric and nonparametric tests of significance. Applied Psychology students must earn at least a B in the course for the course to count toward their degree. Candidates with a prior course in statistics may try to test out of PY 0433 before the first class. Contact the instructor well in advance of the first class to make arrangements. Candidates who successfully test out of this course will substitute another approved three-credit course appropriate to their program.

**PY 0435 Psychology of Personality****3 Credits**

This course takes a comprehensive approach to understanding theories of personality formation through an in-depth survey and critique of major and minor theories of personality. The course emphasizes developing a critical understanding of the similarities and differences among the theories and the contribution of each theory to conceptualizations of normal and abnormal behavior, with application to the understanding of current research in personality psychology. Cross-cultural issues are addressed. Applied Psychology students must earn at least a B in this course for the course to count toward their degree.

**PY 0436 Psychopathology and Classification I****3 Credits**

This course introduces candidates to advanced child and adolescent psychopathology. It provides the necessary foundation for undertaking subsequent courses or supervised practical training focused on the actual practice of formulating diagnoses and treating children and adolescents who are experiencing mental disorders. The course includes in-depth exposure to and discussion of the DSM-V and current research in psychopathology, and emphasizes understanding and identifying mental disorder symptoms and syndromes.

**PY 0437 Psychopathology and Classification II****3 Credits**

This course introduces candidates to advanced adult psychopathology. It provides the necessary foundation for undertaking subsequent courses or supervised practical training focused on the actual practice of formulating diagnoses and treating people who are experiencing mental disorders. The course includes in-depth exposure to and discussion of the DSM-V and current research in psychopathology, and emphasizes understanding and identifying mental disorder symptoms and syndromes.

**PY 0438 Treatment Models for School-Age Youth****3 Credits**

**Prerequisites:** PY 0435, PY 0436\*.

In this course, candidates learn to develop treatment plans for children and adolescents in schools. Various psychotherapy models bridge the gap between theory and practice. Case studies serve as the primary learning vehicle. Given that children and adolescents frequently demonstrate emotional difficulties in the school setting, the course highlights theoretically informed therapeutic interventions that are pragmatic for use in the school setting, and emphasizes the importance of recognizing individual differences (cognitive, cultural, etc.) when designing interventions. (\*indicates concurrency allowed)

**PY 0446 Developmental Psychology I: Theory and Application in Professional Practice****3 Credits**

Candidates study human development from birth through adolescence. Designed for graduate candidates pursuing careers as clinical practitioners, this course helps participants develop the basic skills necessary to understand their clients in the context of the various domains of human development. Candidates learn to identify deviations in development and craft corresponding intervention plans. The course also emphasizes cultural competence, providing candidates with an understanding of individuals and families within a cultural context.

**PY 0449 Introduction to Clinical Child Neuropsychology 3 Credits****Prerequisites:** PY 0538, PY 0540.

This course introduces candidates to brain structure, development, and function as the child grows to adulthood. Discussion topics include cognitive, academic, and behavioral sequelae of commonly encountered neuropathologies of childhood and adolescence, with case illustrations. Because of the emphasis placed on educational outcomes of neuropathology, the course addresses dyslexia, attention deficit disorder, and non-verbal learning disability.

**PY 0471 Effective Interviewing 3 Credits**

This course trains individuals whose work requires a high skill level in communication. The course emphasizes defining the goals of the interview and the best means for achieving these goals, attending to overt and covert language and non-language messages, and dealing with the emotional dimensions of the interview. Candidates learn and experiment with a variety of interviews in different contexts.

**PY 0475 Program Evaluation 3 Credits****Prerequisites:** PY 0201; or PY 0433, PY 0571.

This course focuses on concepts and principles in performing evaluations of psychological and social programs. Evaluations are an amalgam of political and scientific perspectives that require numerous skills and talents. A number of topics and models of evaluation are presented. However, no two evaluations are alike. Therefore, solid training in methodology and technical techniques is imperative for performing evaluations. The objectives of this course are to develop skills in designing evaluations, to develop survey instruments, to develop proposals, and to communicate evaluation results. In each of these areas, ethical issues are addressed. Quantitative methods are emphasized, but qualitative approaches are presented.

**PY 0480 Consulting Theory and Practice 3 Credits****Prerequisite:** PY 0420 or matriculation in the Clinical Mental Health Counseling program.

This course is designed to assist candidates in developing an understanding of and skills in the practice of consultation in both internal and external roles. The core psychological principles and techniques apply equally well in business, non-profit, and educational settings. The course focuses upon the psychological concepts, models, and principles for effective consultation. A variety of contemporary models are examined. Candidates are expected to develop insight into their own consultation approaches and their strengths and needs.

**PY 0485 Performance Coaching 3 Credits**

This course focuses upon the models, strategies and techniques for coaching and mentoring managers and employees in contemporary organizations. Students are introduced to research on interpersonal and leadership style issues that have been shown to play key roles in leadership success or failure. Students are also introduced to research related to leadership "derailment," or failure patterns observed in managers and employees who have been previously assessed as being moderate to high-potential leaders. Within this course, students learn about the most common performance coaching challenges and practice conducting performance coaching sessions.

**PY 0501 Fundamentals of Survey Design 3 Credits****Prerequisite:** PY 0201 or PY 0433.

This course covers the important basics of measurement and the fundamentals of un-normed survey and questionnaire design. It also will provide training in entry-level survey/questionnaire skills for those who may be required to develop simple surveys/questionnaires in their work.

**PY 0534 Theories of Learning 3 Credits**

This course considers, in detail, the conditions of human learning found in the principal schools of psychology on the contemporary scene. Candidates investigate other theories for individual reports. Crosslisted with ED 0534.

**PY 0535 Collaborative Consultation 3 Credits****Prerequisites:** PY 0430, PY 0548.

Designed to give candidates knowledge and consultation skills, this course presents consultation as a collaborative problem-solving process that is empowering and prevention-oriented. The course focuses on mental health consultation as described by Gerald Caplan. Candidates learn the major models of consultation, the generic stages of consultation, and four levels of consultation service. The course also addresses practice issues, such as consultee resistance, consultee perspective, and consultant self-awareness. The course includes a practicum component in which candidates consult with a teacher at a school site once a week for approximately 10 weeks.

**PY 0537 Psychoeducational Assessment I: Behavioral Approaches 3 Credits**

Designed for school psychology candidates, this course is the first in a four-course sequence in the psycho-educational evaluation of school-aged children. It covers the key concepts and procedures used in the behavioral assessment of individuals with a dual emphasis on functional behavioral assessment and progress monitoring within a response-to-intervention model. Topics covered include direct observation procedures, indirect assessment procedures, data collection and progress monitoring, functional analysis, reinforcer assessment, social validity assessment, direct behavior ratings, inter-observer reliability, and linking assessment results to behavior intervention and support plans. Applications at all three tiers of a response-to-intervention model will be discussed. This course is also the first course in the three course program: Advanced Training in Applied Behavior Analysis.

**PY 0538 Psychoeducational Assessment II: Standardized Approaches 3 Credits****Fee:** \$60 GSEAP Lab Fee**Corequisite:** PY 0540.**Prerequisite:** Completion of all MA degree requirements.

For school psychology candidates, this course is designed to advance their knowledge and skills of standardized assessment instruments commonly used by school psychologists in practice. This course will include review of psychometric constructs relevant to the measurement of intelligence and achievement, review of cross-battery assessment, (c) practice in the administration and scoring of standardized measures of intelligence, achievement and behavior, and (d) practice in the interpretation of test scores, (e) practice in the preparation of written reports summarizing test results, (f) exploration of multicultural issues related to assessment, and (g) review of the application of intelligence testing in school and clinical settings.

**PY 0540 Psychoeducational Assessment III: Clinical Approaches 3 Credits****Fee:** \$60 GSEAP Lab Fee**Corequisite:** PY 0538.**Prerequisite:** Completion of all MA degree requirements.

This course provides an introduction to clinical approaches to assessment for candidates in the school psychology program. A variety of assessment techniques will be presented and critically reviewed, including clinical interview, clinical observation, and projective techniques commonly used by school psychologists to assess students in school settings. Candidates will gain practice in the administration and interpretation of clinical assessments as well as basic report-writing.

**PY 0541 Behavior Change Procedures****3 Credits****Prerequisite:** PY 0537.

This course will present behavior change procedures for use with individual and group clients. Antecedent, consequence, and alternative behavior interventions will be discussed. Procedures to learn include the use of: reinforcement and punishment (including differential reinforcement), modeling, shaping, chaining, etc. Specific topics will include discrimination training, contingency contracting, and group contingencies, among others. Basics of working with verbal behavior also will be introduced. This course is the second course in the three-course Applied Behavior Analysis Advanced Training Certificate program.

**PY 0542 Measurement, Data Analysis, and Experimental Design in Applied Behavior Analysis****3 Credits****Prerequisites:** PY 0537, PY 0541.

This course will present the concepts, principles, and tools of measurement used for assessment and intervention within applied behavior analysis. Topics covered will include defining target behaviors, choosing measurement strategies and procedures for various dimensions of behavior, single-case design, graphical presentation of data, and applications within a response-to-intervention framework. This course is the final course in the three course program: Advanced Training in Applied Behavior Analysis.

**PY 0544 Psychoeducational Assessment IV: Integrated Assessment****3 Credits****Prerequisites:** PY 0538, PY 0540.

For school psychology majors only, this is the fourth and final course in the advanced study of applied psychoeducational assessment. Designed for graduate candidates who are in the final stages of preparing for on-site professional assessment, this course focuses on continuing instruction in the administration and interpretation of various assessment techniques, emphasizing cognitive measures, academic assessment, academic achievement tests, and projective techniques, as well as psychological report-writing that integrates all assessment data into clear, accurate, written psychological reports. The course also stresses cultural and ethical competence in order to meet the need to synthesize and integrate assessment data into comprehensive, non-biased psychological evaluations of children and youth. Candidates administer comprehensive psychoeducational batteries within a school or agency in preparation for their internship in school psychology. Formerly "Integrated Assessment."

**PY 0545 Designing and Developing Training Programs****3 Credits****Prerequisites:** Matriculation in the IOPE program; PY 0420.

Designed for prospective trainers, training specialists, personnel generalists, or line personnel in business and industry, this course focuses on designing and developing training programs for administrative professionals, management employees, and school personnel. Course assignments provide individualization and allow content to be tailored to participant needs and working environments. Crosslisted with MD 0545.

**PY 0548 Psychotherapeutic Techniques for School-Age Youth****3 Credits****Prerequisites:** PY 0430, PY 0435, PY 0438, PY 0446.

This course provides school psychology, school counselor, and social work candidates with a first exposure to psychotherapeutic techniques. Topics include the purposes and rationale for such techniques, selection of appropriate methodologies, ethical considerations, and practice skills.

**PY 0571 Research in Psychology****3 Credits****Prerequisite:** PY 0433.

This course emphasizes developing a critical understanding of the essential issues involved in designing, conducting, and reporting the results of psychological research. It provides the foundation necessary for more advanced courses in research design and data analysis or for developing a master's thesis proposal.

**PY 0576 Practicum I: Assessment and Group Process****3 Credits****Corequisite:** PY 0544.

This course provides support and university supervision for candidates in their semester long school-based practicum. This course primarily provides opportunities to gain practice and facility in testing and report writing. Additionally, the course provides students with an in-class opportunity to experientially learn group process from the perspective of a group member, as well as group facilitator. Candidates also learn how to develop lesson plans and conduct whole class lessons. Enrollment by permission only.

**PY 0577 Practicum II: Counseling and Group Process****3 Credits****Prerequisite:** PY 0576.

This course provides support and university supervision for candidates in their eight-week long mental health practicum. The primary purpose of this course is to provide opportunities to gain practice and facility in individual and group counseling, behavior modification, and interviewing in a mental health setting. Candidates typically work with challenging cases, which enables them to act as better liaisons to acute care facilities when in the schools. Additionally, the course provides students an in-class opportunity to experientially learn group process from the perspective of a group member, as well as group facilitator. Candidates take this course the summer before internship.

**PY 0578 Field Work in Applied Psychology****3 Credits****Prerequisites:** Completion of 21 credits in psychology, including PY 0406, PY 0420, PY 0433, PY 0435, PY 0545, PY 0571; B or better cumulative GPA.

Advanced candidates matriculated in the industrial/organizational/personnel track undertake approved, supervised fieldwork in an area related to their professional interests and program content. Course requirements include a site supervisor and a faculty supervisor for each candidate, and a fieldwork placement that involves at least 13 full days of on-site experience. Enrollment by permission only.

**PY 0595 Independent Study****3 Credits**

Candidates conduct individual projects in consultation with a faculty member from the Department of Psychological and Educational Consultation. Enrollment by approval of faculty advisor.

**PY 0596 Master's Thesis****3 Credits****Prerequisites:** PY 0433, PY 0571.

Part-time candidates matriculated in school psychology may engage in a master's thesis project. The candidate's project must demonstrate an advanced, sophisticated knowledge of psychology and be considered a contribution to the field. Activities in the development of the thesis include an initial outline of the project, proposal (including a review of the related literature and proposed thesis), and final report. Candidates submit proposals in the semester preceding registration for this thesis course and may register only during the normal registration period preceding each semester. Enrollment by permission only.

**PY 0598 Internship in School Psychology I 3 Credits**

**Prerequisite:** All course work and approval of program coordinator.

This course provides weekly supervision and support at the University for candidates during the fall semester of the school psychology internship.

This internship allows candidates to integrate the skills they have acquired in the program, build confidence using those skills, and develop a sense of professional identity. The course stresses a tripartite approach to school psychology, with equal emphasis on assessment, direct intervention, and consultation.

**PY 0598P Internship in School Psychology I 3 Credits**

See PY 0598.

**PY 0599 Internship in School Psychology II 3 Credits**

**Prerequisite:** PY 0598.

This course provides weekly supervision and support at the University for candidates during the spring semester of the school psychology internship.

**PY 0599P Internship in School Psychology II 3 Credits**

See PY 0599.