

PSYCHOLOGY (PSYC)

PSYC MTNC. MAINTENANCE-PSYCHOLOGY. (0 Credits)

PSYC 0912. REQUIREMENT PREPARATION. (0 Credits)

For Ph.D. and Master's students, registration necessary to maintain continuous enrollment while preparing for a milestone requirement, such as comprehensive exam, Master's thesis, or dissertation submission.

PSYC 0914. REQUIREMENT PREPARATION IN SUMMER. (0 Credits)

For Ph.D. and Master's students, registration necessary to maintain continuous enrollment while preparing for a milestone requirement during the summer. (e.g., to be used by Ph.D. students after the oral examination/defense and prior to receiving the degree).

PSYC 0922. PHD COMPREHENSIVE EXAMINATION PREPARATION. (0.5 Credits)

PSYC 0930. PSYCHOLOGY DOCTORAL COMPREHENSIVE EXAMINATION. (0 Credits)

PSYC 0934. MASTER'S COMPREHENSIVE EXAMINATION PREPARATION. (0.5 Credits)

PSYC 0936. MASTER'S COMPREHENSIVE EXAMINATION-PSYCHOLOGY. (0 Credits)

PSYC 0950. PROPOSAL DEVELOPMENT. (1 Credit)

PSYC 0960. PROPOSAL ACCEPTANCE. (3 Credits)

PSYC 0970. Dissertation Mentoring-Psychology. (3 Credits)

The Psychology Ph.D. student is required to register for Dissertation Mentoring, which has a 3 credit fee, the semester after the student's proposal is accepted.

PSYC 1004. THE MIND-BODY CONNECTION: INTRODUCTION TO BEHAVIORAL HEALTH. (3 Credits)

The overall goal of the course is to provide a comprehensive perspective on how psychology can augment the understanding and treatment of significant public health problems. In addition, this course will prepare students for future coursework or participation in behavioral health research.

Attributes: MANR, SSCI.

PSYC 1100. BIOPSYCHOLOGY. (3 Credits)

An introduction to the biological bases of psychology. Research will be presented with an emphasis on how the activity of the nervous system, as shaped by phylogeny and ontogeny, determines behavior. Students replicate classic studies, analyze the results, and prepare lab reports.

Attributes: LSCI, NEUR.

PSYC 1200. FOUNDATIONS OF PSYCHOLOGY. (4 Credits)

A systematic examination of the methods and content of psychology as a life science. A survey of history and development, principles, and theories of psychology related to sensation and perception, learning, cognition, motivation, developmental, personality, abnormal, and social psychology. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

PSYC 1800. INTERNSHIP. (1 Credit)

PSYC 1999. SERVICE LEARNING-1000 LEVEL. (1 Credit)

In this student-initiated program, the student may earn one additional credit by connecting a service experience to a course with the approval of the professor and the service-learning director.

PSYC 2000. STATISTICS. (4 Credits)

This course covers descriptive statistics and (parametric and nonparametric) inferential statistics. It emphasizes mastery of statistical concepts and utilization of statistical software. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: NEUR.

Prerequisite: PSYC 1200.

PSYC 2010. RESEARCH METHODS LAB. (5 Credits)

A hands-on introduction to research methods in psychology. In the lab, students will replicate classic studies from different areas of psychology, analyze the results, and write APA-style lab reports. The lectures introduce these areas and relevant methods, placing the methods in broad historical and ethical contexts.

Attributes: NECG, NEUR.

Prerequisite: PSYC 2000.

PSYC 2200. LEARNING. (4 Credits)

Course focuses on the research and theories in animal and human learning. Empirical findings are discussed in relation to competing theories of learning, memory, and adaptive behavior. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Prerequisite: PSYC 1200.

PSYC 2201. LEARNING LABORATORY. (5 Credits)

Course focuses on the research and theories in animal and human learning. Empirical findings are discussed in relation to competing theories of learning and adaptive behavior. Students replicate classic learning studies, analyze their results, and prepare APA style lab reports.

Prerequisite: Research Methods Lab.

Prerequisite: PSYC 2010.

PSYC 2301. SENSATION AND PERCEPTION LAB. (5 Credits)

A survey of research on the senses, especially vision and hearing. Biological, psychophysical and cognitive perspectives will be considered. Students replicate classic studies, analyze the results and prepare APA style lab reports. **Prerequisite:** Research Methods Lab.

Attributes: NECG, NEUR.

Prerequisite: PSYC 2000.

PSYC 2401. MEMORY LABORATORY. (5 Credits)

Covers historical approaches to memory, information processing and connectionist models of memory studies, analyze the results, and prepare APA style lab reports.

Attributes: NECG, NEUR.

Prerequisite: PSYC 2010 (may be taken concurrently).

PSYC 2500. COGNITION. (4 Credits)

The analysis of the process of acquiring and using knowledge: perceptual recognition, attention, memory, imagery, language, problem solving, decision making, and the development of these processes throughout one's life. (Spring, odd years). Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

PSYC 2501. COGNITION LABORATORY. (5 Credits)

The analysis of the process of acquiring and using knowledge: perceptual recognition, attention, memory, imagery, language, problem solving and decision making. Students replicate classic studies, analyze the results, and prepare APA style lab reports.

Attributes: NECG, NEUR.

Prerequisite: PSYC 2010.

PSYC 2600. SOCIAL PSYCHOLOGY. (4 Credits)

An examination of how others shape an individual's behavior. A review of selected topics of interpersonal behavior, including antisocial and prosocial behavior, prejudice, attraction, social influence, attitudes and persuasion, research methods. (Every semester) Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: SSCI, URST.

PSYC 2601. LAB IN SOCIAL PSYCHOLOGY. (5 Credits)

(formerly PSYC 3470) This course involves social psychological research concerned with relationship formation, nonverbal behavior, attitude change, and group processes. Research on these topics will be conducted using laboratory designs, survey research, and observational techniques. Students will conduct both laboratory and naturalistic observations, analyze the results, and prepare APA-style lab reports and may be offered an opportunity to propose and conduct a research project of their own choosing.

Prerequisite: PSYC 2010.

PSYC 2700. INFANT AND CHILD DEVELOPMENT. (4 Credits)

A study within the framework of research and theory of emotional, intellectual and social growth of the child, with emphasis on norms in development and child-rearing practices. (Every Fall) Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: SSCI.

PSYC 2710. ADOLESCENT AND ADULT DEVELOPMENT. (4 Credits)

This course reviews the study of physiological, cognitive, emotional, personality and social change from puberty across the remainder of the life span. This course will also consider the influence of theories and methods of research on what we know, and can find out, about people and the contexts in which they live their lives. (Every Spring) Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: SSCI.

PSYC 2800. PERSONALITY. (4 Credits)

A critical survey of theories concerned with the origin and development of personality, including psychoanalytic theory, behaviorism, trait theory, field theory and humanistic psychology. Attention will be given to conceptual problems, controversies and empirical verification. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: FRSS, SSCI.

PSYC 2900. ABNORMAL PSYCHOLOGY. (4 Credits)

Analysis of the development and structure of the abnormal personality. Consideration of neuroses and major psychoses as well as the diagnosis, treatment and prevention of mental disorders is given. (Every semester) Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: SSCI.

PSYC 2999. INDEPENDENT STUDY. (1 to 2 Credits)

PSYC 3100. HEALTH PSYCHOLOGY. (4 Credits)

(Formerly PSYC 3020) An introduction to the study of psychological factors in health and illness. The major models, research methods, interventions, and issues in health psychology and behavioral medicine will be examined. Topics include stress-illness, compliance, social support and coping, as well as prevention and health education. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ASSC, BESN, BIOE.

Prerequisite: PSYC 1200.

PSYC 3110. COGNITIVE NEUROSCIENCE. (4 Credits)

This course reviews the neural basis for cognitive and perceptual processes including attention, vision, sensation, perception, language, motor control, learning and memory, executive functions, emotion, and social behavior. Basic structural and functional neuroanatomy are explored and empirical methods which inform inferences about the brain bases of cognition are reviewed. The course surveys research in cognitive neuroscience and covers a functional analysis of disorders vis a vis cognitive theory and the brain behavior relationship. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ASSC, BESN, NEUR.

Prerequisites: PSYC 1200 or PSYC 1100 or BISC 1403 or NSCI 1433.

PSYC 3300. INDUSTRIAL ORGANIZATIONAL PSYCHOLOGY. (4 Credits)

The application of psychological methods and concepts to business and industry. Includes personnel selection, placement and training, work environment, motivation and morale, the organization as a complex system, and an introduction to organization development. (Every Fall) Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: ASSC.

Prerequisite: PSYC 1200.

PSYC 3320. CONSUMER BEHAVIOR. (4 Credits)

The role of psychological factors such as learning and memory, perception, motivation, personality, and information processing in the behavior of humans as consumers. Emphasis is placed on the two-way information flow between consumers and producers. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ASSC, FASH.

Prerequisite: PSYC 1200.

PSYC 3330. FAMILY PSYCHOLOGY. (4 Credits)

(Formerly PSYC 4250) An introduction is given to the transgenerational emotional process within the family, that is, to the family as a system across generations. Subsystems (such as parent child, sibling, family of origin) will be studied in relationship to individual development and family functioning. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: ASSC.

Prerequisites: PSYC 1200 or AP Psychology with a score of 004.

PSYC 3340. URBAN PSYCHOLOGY. (4 Credits)

How living in a large city can affect an individual's behavior and personality. Investigations into the "urban personality," stress, family, friends and strangers, crowding, the built environment, adaptation. Includes field research. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ENST, URST.

Prerequisites: PSYC 1200 or AP Psychology with a score of 004.

PSYC 3360. SPORTS PSYCHOLOGY. (4 Credits)

This course involves an application of psychological theory and research to athletes and sport at youth recreational, and elite levels. Special attention is devoted to the connection between sports and spirituality, ethics, character development, and parenting. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: SJOR.

Prerequisites: PSYC 1200 or AP Psychology with a score of 004.

PSYC 3400. PSYCHOLOGY OF EDUCATION. (4 Credits)

An overview of psychological principles relevant to the process of learning and teaching. The relationship of education to society in general and to the student in particular is stressed. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Prerequisites: PSYC 1200 or AP Psychology with a score of 004.

PSYC 3410. CREATIVITY. (4 Credits)

An investigation of the creative process, both theoretically and phenomenologically. Students conduct case studies of a creative enterprise, based on autobiographical and/or interview material. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Prerequisites: PSYC 1200 or AP Psychology with a score of 004.

PSYC 3530. PSYCHOLOGY OF SEX ROLES. (4 Credits)

The study of the development of sex differences and sex roles in women and men. The study of the psychological implications and consequences of sex role development in men and women will be discussed. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: PSDV, WGSS.

Prerequisites: PSYC 1200 or AP Psychology with a score of 004.

PSYC 3550. CONSCIOUSNESS. (4 Credits)

This course critically reviews philosophical/historical, psychological, and biological approaches to consciousness. Topics include the mind/body problem, phenomenology, psychoanalysis and the unconscious, altered states of consciousness, attention, volition and the will, and theories of consciousness. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

PSYC 3600. MULTICULTURAL PSYCHOLOGY. (4 Credits)

The focus of this course is the multicultural applicability of scientific and professional psychology. Traditional psychological theories, scientific psychology, psychological tests, and the practice of psychology will be examined and critiqued from cultural and socio-historical perspectives. Contemporary psychological theories and research specific to men, women, gay men, lesbians, and race/ethnicity will be reviewed. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ADVD, AMST, ASHS, ASSC, BESN, BIOE, LALS, LASS, PJST, PLUR, PSDV, URST, WGSS.

Prerequisites: PSYC 1200 or PSYC 1100.

PSYC 3610. GLOBAL HEALTH AND PSYCHOLOGY. (4 Credits)

In order to address the needs of diverse populations, culturally-congruent training in health psychology is essential. The goal of this course is to provide a global perspective on understanding and treating significant public health problems and integrating cultural considerations into this framework. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ASSC, BESN, BIOE, DISA, GLBL, PSDV.

Prerequisite: PSYC 1200.

PSYC 3640. CROSS-CULTURAL-PSYCHOLOGY. (4 Credits)

This course examines the role of culture in shaping a broad spectrum of human experience around the globe. This course begins with a consideration of three important themes: Culture as meaning ; the nature of cultural competence & ethnocentrism; and the phenomena of international migrations and acculturation. Then, it examines important conceptual and methodological issues in cross-cultural research. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ADVD, AMST, ASHS, ASSC, PSDV.

Prerequisite: PSYC 1200.

PSYC 3700. HUMAN SEXUALITY. (4 Credits)

An exploration of the physical characteristics that make up the core of male and female sexuality, as well as the psychological components in all sexual unions. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ADVD, AMST, ASHS, ASSC, PSDV, WGSS.

Prerequisite: PSYC 1200.

PSYC 3730. MEN AND MASCULINITIES. (4 Credits)

Traditional/classical psychodynamic theories on masculinity will be reviewed, as well as the more contemporary "new psychology of men" literature and research. Traditional masculinity ideology as a system of values will be examined and critiqued, with focus on examining how masculine values underline men's personal morality and societal mores. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: AMST, ASSC, PLUR, PSDV, WGSS.

Prerequisites: PSYC 1200 or AP Psychology with a score of 004.

PSYC 3810. TRAUMA AND FAMILY VIOLENCE. (4 Credits)

The goal of this course is to provide an introduction to the field of trauma and family violence, including the causes and consequences of rape, partner violence and child abuse and neglect. Assessment, treatment and prevention issues will also be discussed. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Prerequisites: PSYC 1200 or AP Psychology with a score of 004.

PSYC 3820. FORENSIC PSYCHOLOGY. (4 Credits)

Focuses on the interaction of clinical psychology and the law. Addresses issues related to forensic assessment and expert testimony, understanding and treatment of criminal offenders, similarities and differences between assessment of adult and juvenile offenders. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: ASSC.

Prerequisites: PSYC 1200 or AP Psychology with a score of 004.

PSYC 3850. PSYCHOLOGY OF WELL-BEING. (4 Credits)

This course will provide students with the knowledge and skills to lead a more fulfilling and happy life. It will show how to handle stressors and demands more efficiently, approach mistakes as opportunities cultivate personal relationships, develop personally meaningful goals, and achieve greater equanimity.

Attribute: ASSC.

Prerequisite: PSYC 1200.

PSYC 3930. INTRODUCTION TO CLINICAL PSYCHOLOGY. (4 Credits)

An introduction to clinical psychology, including major schools of clinical interventions, the relation between assessment and clinical practice, including specific areas of evaluation (such as intellectual, personality, and observational/behavioral). Areas of specialization will also be covered. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: ASSC.

Prerequisite: PSYC 1200.

PSYC 3940. THE FREUDIAN CASE HISTORY: SCIENCE, STORY, AND THE PROBLEM OF EVIDENCE. (4 Credits)

Students read and evaluate the complete set of Sigmund Freud's case studies: five early studies of hysteria, five major case histories (Dora, Little Hans, the Rat Man, the Wolf Man, and Dr. Schreber), the analysis of Leonardo DaVinci, and the case of a "beautiful and clever" homosexual girl. With a critical, contemporary lens, the course focuses on Freud's evolving theories, therapeutic practices, and research methods. Attention is given to the scientific, psychological, philosophical, sociological, cultural, and historical controversies the cases have generated, for instance issues of gender, narrative versus historical truth, and problems of evidence. For illuminating contrast, several more recent case studies are comparatively analyzed. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

PSYC 3950. APPLIED BEHAVIOR ANALYSIS. (4 Credits)

The goals of the course are to teach the principles of behavior and their application to complex human behavior. Students will understand basic principles of behavior, how to analyze complex human behavior in terms of those principles, how to collect data and plot it on graphs, how to conduct research to determine the causes of behavior, and the basics of how to change behavior. This course does not make a student competent to conduct therapy. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Prerequisite: PSYC 1200.

PSYC 3999. TUTORIAL. (1 to 3 Credits)**PSYC 4000. HISTORY AND SYSTEMS OF PSYCHOLOGY. (4 Credits)**

The development of psychological thought through the history of psychology as a science is traced. Attention is given to the application of the philosophy of science to psychology. Systems covered include associationism, structuralism, functionalism, Gestalt psychology, psychoanalysis, behaviorism, and cognition. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: ICC.

PSYC 4036. PSYCHOLOGY HORROR LITERATURE AND FILM. (4 Credits)

This course focuses on the so-called paradox of horror: Why do we enjoy an experience that is designed to make us feel uncomfortable? If the question is simple, the answer is not. It requires interdisciplinary tools. The course draws on literary criticism and psychology in close conjunction with concrete experiences of the phenomena themselves: reading classic and contemporary horror fiction and watching horror film. By combining literary theory-especially reader-response-with the major psychological theories of emotion, this course centers on the paradox of horror and addresses questions of many kinds from it. Prerequisite: Foundations of Psychology. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: ICC.

PSYC 4245. ETHICS IN RESEARCH. (4 Credits)

This course will examine approaches to responsible research practices across the natural and social sciences, with particular attention to research involving human participants. The course will provide an overview of the research process, foundations in research ethics, and provide examples of research across disciplines that exemplify scientifically valid and ethically sound research methods planning, implementation, and dissemination. In particular, the course will draw on long-standing research traditions in the field of sociology, and psychology in order to provide a foundation upon which ethical issues can be discussed. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: BIOE, ICC.

Prerequisite: PSYC 1200.

PSYC 4310. AGING AND SOCIETY. (4 Credits)

A cross-disciplinary course that draws on research and theory from psychology and such other disciplines as sociology, anthropology, economics and political science to explore the biological, cognitive and psychosocial features of human aging. Attention is given to normal and abnormal development, to the interrelations between physical and mental health and to optimal aging. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ADVD, AMST, ASHS, BESN, BIOE, DISA, ICC, PJST, PSDV.

Prerequisite: PSYC 1200.

PSYC 4330. MUSIC AND PSYCHOLOGY. (4 Credits)

A cross-disciplinary course that examines what psychological research and theories and an analytical approach tell us about music. Topics include perception and performance of music, emotional responses and cross-cultural approaches. Requires a background in psychology and/or music. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: ICC.

PSYC 4340. LAW AND PSYCHOLOGY. (4 Credits)

An introduction to (a) the issues relevant to understanding human behavior from the perspective of law and psychology and (b) the contributions of psychology as a behavioral science to such legal issues as legal evidence, juries, and criminal and civil responsibility. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: AMST, APPI, ASHS, EP4, PJST, VAL.

PSYC 4370. DISGUST IN LITERATURE AND PSYCHOLOGY. (4 Credits)

The course covers disgust in literature, film, and experimental psychology. Includes basic level aspects of disgust eliciting material (foods, bodily secretions) up to moral dimensions and stigma. Disgust is considered from a cross cultural and multicultural perspective for each topic. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ACUP, ASHS, ASLT, ENGL, ICC.

Prerequisite: PSYC 1200.

PSYC 4800. INTERNSHIP. (3 to 4 Credits)**PSYC 4810. CLINICAL CHILD PSYCHOLOGY. (4 Credits)**

(Formerly PSYC 3270) This course provides an overview of the descriptive characteristics, diagnosis, and treatment of the primary psychological and behavioral disorders of childhood and adolescence. A fieldwork component offers supervised experience in a setting serving children with problems. (Every Fall).

Prerequisite: PSYC 1200.

PSYC 4820. COMMUNITY PSYCHOLOGY. (5 Credits)

This course focuses on the prevention of psychological disorders and the promotion of wellness across the life span. Topics covered include stress, coping, and social support; risk and protective factors for adjustment and maladjustment; empowering disenfranchised groups; developing and evaluating prevention and early intervention programs; and facilitating social change and responsive community organizations. Includes a fieldwork component that is integrated with class discussion.

Attributes: PSDV, URST.

PSYC 4900. PSYCHOLOGY AND HUMAN VALUES. (4 Credits)

This senior values seminar explores pioneering theories and research in the psychology of values. Topics include human motives/goals; the sense of right and wrong; cognitive, social, cultural, spiritual and gender aspects of ethical decision making; behavior in morally challenging situation; and virtue in relationships, work and community. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: BEVL, BIOE, EP4, VAL.

PSYC 4920. YOUTH, VALUES, AND SOCIETY. (4 Credits)

This course explores the history and current place of youth in society from a multidisciplinary perspective and consider how this social construction of youth influences their development of values. It explores the history of social constructions of adolescence and youth and the current place of youth in our society. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: ADVD, AMST, APPI, ASHS, BEVL, EP4, PSDV, URST, VAL.

PSYC 4930. CODES FOR MENTAL HEALTH SERVICES. (4 Credits)

This course introduces students to contemporary standards of research and practice in the delivery of mental health care services to a variety of populations (e.g., children, institutionalized individuals, and cultural minorities) across a variety of contexts (e.g., schools, hospitals, nursing homes, prisons, and industrial settings). Students learn to examine the relationship of current professional codes of conduct to historical and political issues and contemporary social values. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attributes: BEVL, BIOE, EP4, VAL.

PSYC 4997. HONORS THESIS IN PSYCHOLOGY I. (4 Credits)

This course, typically taken in the fall of senior year, involves carrying out the Honors Thesis. Typically, this includes data collection and analysis, and initial work on the written report. Students should have reviewed the relevant literature and completely planned the thesis prior to beginning the course. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Prerequisite: PSYC 2010.

PSYC 4998. HONORS THESIS IN PSYCHOLOGY II. (4 Credits)

This course, taken in the spring of senior year, involves completion of the thesis. The student prepares and revises the final written report, and defends the thesis orally. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Prerequisite: PSYC 2010.

PSYC 4999. TUTORIAL. (1 to 5 Credits)

Supervised individual research projects.

PSYC 5060. SPIRITUALITY, HEALTH & ADJUST. (3 or 4 Credits)

Integrates psychology of health and psychology of religion. Introduces students to constructs, models, and research, emphasizing the relevance of spirituality to the adjustment process.

PSYC 5070. SPIRITUALITY&PSYCHOTHERA THEOR. (3 to 4 Credits)

This course will explore the application of a spiritual orientation across a broad range of empirically supported psychotherapies, especially in the treatment of minority populations.

PSYC 5100. PSYCOMETRICS-THEORY. (3 Credits)

This course mainly covers what is commonly referred to as the classical test theory (CTT). It intends to provide you with the conceptual and technical skills necessary to develop and evaluate psychological tests and measures, and to provide foundations for further study of measurement theory, including but not limited to factor analysis and item response theory. A list of topics covered in this course include introduction to CTT, reliability, and validity of a test, and item analysis. The lab will assist software implementations (including Excel, SPSS, AMOS, and possibly R) and provide students hands-on experiences on how to plan psychometric analysis for a newly developed scale.

PSYC 5335. SOCIAL DEVELOPMENT. (3 Credits)**PSYC 5500. DIFFERENTIAL PSYCHOLOGY. (3 to 4 Credits)****PSYC 5600. SUCCESSFUL AGING. (3 or 4 Credits)**

Introduces concepts of successful aging and explores mechanisms contributing to aging well. Compares early and more recent theories of successful aging, summarizes the empirical research, and examines current intervention approaches with the goal of developing a new intervention.

Attributes: CEED, CENS.

PSYC 5710. ISSUES IN SOCIAL PSY. (3 to 4 Credits)

The person in society: interdisciplinary approaches; personality and culture: subculture, class, and community. Development and the self-cognitive and motivational elements in the acquisition of language, attitudes, and values. Group membership, role behavior, and group dynamics.

Attribute: PMPE.

PSYC 5715. PSYC OF COMPLEX EMERGENCIES. (0 to 4 Credits)

This course covers psychological aspects of complex emergencies and responder preparedness. Topics include team building, negotiation, and motivation of responders and aid-workers, preparing for emergencies, coping with violence for aid-workers, refugees, IDPs, and children in crisis, gender issues, and general psycho-social health of beneficiaries and aid-workers.(course is only open to IDHA)

PSYC 6005. ETHICS IN PSYCHOLOGY. (3 to 4 Credits)

This course provides general and specific guidance for ethical conduct in the science and practice of psychology. Using case examples and readings the course covers the clinical practice of psychology, research, teaching, supervision of trainees, development of assessment instruments, conducting assessments, school psychology, educational counseling, organizational consulting, forensic activities, social intervention, administration, and other activities. Also explored is the history and current role of the federal government, state licensure boards, and the American Psychological Association and other organizations in establishing guidelines and professional codes of ethics for research, teaching, and practice in psychology. The course helps students apply these codes and regulations to traditional areas of psychology and to emerging areas such as telecommunications and managed care.

Attributes: CEED, CENS.

PSYC 6010. RESEARCH ETHICS AND SOC JUSTIC. (3 Credits)

This course will examine approaches to responsible research practices in socio-behavioral research, with particular attention to research involving human participants. The course will provide foundations in research ethics and methods in research ethics decision-making that exemplify scientifically valid and ethically sound research method planning, implementation, and dissemination.

Attributes: CEED, CENS.

PSYC 6020. HEALTH PSYCHOLOGY. (3 Credits)

An introduction to the study of psychological factors in health and illness, which examines the major models, research methods, interventions, and issues in health psychology/behavioral medicine. Topics include stress-illness, compliance, psychoimmunology, social support, and coping in disorders such as cardiovascular disease, pain, cancer, gastrointestinal disorders, diabetes, and obesity.

Attributes: CEED, CENS, CLRM, CPCE.

PSYC 6030. TRAUMA & FAMILY VIOLENCE. (3 Credits)

This course will focus on understanding the cause and effects of trauma and family violence, such as child abuse and neglect, rape, and domestic violence. Diagnostic assessment, prevention and treatment issues will be emphasized.

Attributes: CLRM, CPCE, HUHR.

PSYC 6040. CONTEXT&CONSEQUENCES-POVERTY. (3 Credits)

A comprehensive overview of research and policy literature on contexts and consequences of poverty (income, socio-economic status, poverty cofactors and risks) for children, youth and families in US. Topics include defining and measuring poverty; the distribution of poverty across social and demographic characteristics; the role of labor markets, family structure and human social capital in reproducing poverty; quantitative and qualitative studies on the impact of poverty on children, youth and families; debates about poverty's impact and the history.

PSYC 6050. BEHAVIORAL MEDICINE. (3 Credits)

Teaches students the clinical and research skills required in a medical setting. The overarching goal is for students to gain competency working with patients presenting with a range of medical conditions (as primary or secondary diagnosis).

Attributes: CLRM, CPCE, CPIE.

PSYC 6060. RESEARCH PRACTICUM I. (3 Credits)

This course is comprised of three parts: A practical research experience ("research practicum"), in which the student is placed in a research setting and participates (in a substantive way) in on going clinical research (10-20 hours per week for at least one entire semester) A bi-weekly meeting with the course instructor and other students who are completing the research practicum (2 hours every other week) Supplemental readings to facilitate the student's independent research (approximately 5-10 hours per week).

PSYC 6066. HISTORY AND SYSTEMS. (3 Credits)

This course surveys the history of the major systems of psychology from pre-Socratic philosophers to contemporary cognitive science and neuroscience. Key men and women who contributed to the development of theories about and methods used to study personality, emotion, intelligence, cognition, and psychobiology are discussed within their historical, religious, cultural, and political contexts.

Attributes: CEED, CENS, CLMB.

PSYC 6070. RESEARCH PRACTICUM II. (3 Credits)

This course is the second in a 2-course sequence designed to expose the student to the process of conducting applied clinical research and facilitate his or her own independent research project. This course is typically taken during the semester in which the student intends to complete the Master's Thesis. The research project that forms the basis of the student's MA thesis is developed in consultation with the faculty mentor and research supervisor (note that under some circumstances both these roles may be fulfilled by the same individual. Decisions regarding the specific research project, including the length and depth of the introduction, the nature and sophistication of statistical analyses, and the format for compiling the results into a final document, will ultimately rest with the faculty mentor and reader.

PSYC 6105. CLINICAL INTERVIEWING. (3 Credits)

Students develop attending and listening skills, and learn to respond therapeutically in a decision-making framework. For students needing to acquire interviewing skills prior to undertaking a field placement.

PSYC 6106. COGNITIVE ASSESSMENT WITH LAB. (3 Credits)

Intensive supervised practice in administration, interpretation, and reporting of individual intelligence tests for children and adults. Students will learn and practice the administration and scoring of major developmental assessment instruments.

PSYC 6119. PERSONALITY ASSESS WITH LAB. (3 Credits)

Administration and introductory interpretation in personality assessment and research, concentrating on the Rorschach and TAT. Students will learn and practice the administration and scoring of major personality assessment instruments.

PSYC 6137. PERSONALITY ASSESSMENT II. (2 Credits)

Survey of the development of the MMPI and relevant research, followed by intensive practice in interpretation of MMPI profiles with special reference to clinical populations.

Attributes: CPAE, CPCE.

PSYC 6138. PERSONALITY ASSESSMENT II LAB. (1 Credit)

This is the laboratory component of PSYC 6137. Students will learn and practice the administration and scoring of major personality assessment instruments. Co-requisite: PSYC 6137.

Attributes: CPAE, CPCE.

PSYC 6142. DEVELOPMENTAL ASSESSMENT. (2 Credits)

Theory of assessment procedures based on developmental norms. Supervised practice in administration and interpretation of assessments, concentrating on the Brazelton, the Bayley, and the McCarthy Scales. Co-requisite: PSYC 6111.

PSYC 6146. THEORIES OF DEVELOPMENTAL ASSESSMENT LAB. (1 Credit)

Provides experience in using developmental assessment measures and report writing in the field of developmental psychology.

PSYC 6148. THEORIES & ASSESSMENT OF DEVELOPMENTAL PSYCHOLOGY. (3 Credits)

The course examines three issues: how theories can be used to construct developmentally appropriate measures, how the development and use of assessment measures can be used to create or move theory forward, and the role of psychologists in creating measures. Both individual and group assessment measures will be considered. Students will gain experience administering and reporting results of classic developmental assessments.

PSYC 6170. MULTICULTURAL SEMINAR. (3 or 4 Credits)

Focus on multicultural perspective for understanding and working with diverse populations. Will examine issues of gender, race/ethnicity, sexual orientation, religion, etc. in the provision of psychological services.

Attribute: CLMB.

PSYC 6175. Multicultural Issues in Education. (3 Credits)

The purpose of this course is to explore the ways in which race, culture, and socioeconomic resources interact to influence the educational opportunities and outcomes of children and adolescents. We will discuss structural, cultural, and psychological arguments that have been used to help explain between-group variations in academic achievement. Additionally we will discuss factors that serve as assets and resources for minority youth in the educational domain and help explain within-group variation in educational outcomes. Interventions and policies designed to improve educational opportunities and outcomes, particularly for minority youth, will also be examined.

PSYC 6184. BEHAVIORAL ASSESSMENT WITH LAB. (3 Credits)

This course will establish an understanding of behavioral assessment and its implications for intervention, evaluation and research. Theoretical foundations, methods, and application of behavioral assessment to case formulation and treatment will be emphasized.

Attributes: CLRM, CPAE, CPCE.

PSYC 6190. FORENSIC ASSESSMENT. (3 Credits)**PSYC 6205. CLINICAL GEROPSYCHOLOGY. (3 Credits)****PSYC 6210. PSYCHOTHERAPY THEORIES. (3 to 4 Credits)**

Comprehensive overview of most of the major contemporary approaches to psychotherapy, with special emphasis on underlying assumptions, techniques employed, and goals.

PSYC 6225. PERSONALITY THEO & RESEARCH. (3 Credits)**PSYC 6245. COGNITIVE BEHAVIOR THERAPY. (3 Credits)****PSYC 6251. FOUNDATIONS OF NEUROPSYCHOLOGY. (3 Credits)**

This course will provide a broad understanding of human brain-behavior relationships, neuropsychological theory, and the application of this knowledge to the clinical evaluation and treatment of individuals with brain disease or damage. The course will begin with an overview of clinical neuropsychology and its history, functional neuroanatomy, evidence based neuropsychological practice, and the foundations for research and theory of clinical neuropsychology (including the connection between neuropsychological evaluation and the practical implications of neuropsychological conditions), diagnosis of neurocognitive disorders, and neuropsychological intervention techniques. Finally, this course reviews non-neurologic considerations in CNS functioning and neuropsychological evaluation, including multicultural, ethical and forensic issues in clinical neuropsychology.

Attributes: CLRM, CPAE, CPCE.

PSYC 6253. NEUROPSYCHOLOGICAL ASSESSMENT WITH LAB. (3 Credits)

This course will review the practice of neuropsychological assessment and basic concepts related to classes of cognitive functions. We will discuss psychometric principles germane to neuropsychological assessment as well as the use of neuropsychological assessment for clinical practice. Laboratory activities will support the acquisition of knowledge related to the practice of neuropsychological practice, including test selection, administration, scoring, data interpretation, and report writing.

Attribute: CPAE.

PSYC 6257. CHILD NEUROPSYCHOLOGY. (3 Credits)

The relationship between development of brain structure and cognitive functions are discussed. Tests used to assess a variety of functions including memory, attention, achievement, visual spatial skills, executive function, and motor function are presented. Learning disabilities, attention deficits, pediatric neurological disorders, and other relevant topics are covered.

Attributes: CPAE, CPCE.

PSYC 6259. TOPICS IN DEVELOPMENTAL COGNITIVE NEUROSCIENCE. (3 Credits)

This seminar covers topics in developmental cognitive neuroscience across the lifespan. Topics include neural correlates of cognitive development (memory, face perception, executive functioning), structural and functional brain changes associated with aging, and normal and pathological (e.g. Alzheimer's disease) cognitive changes associated with aging.

PSYC 6270. FAMILY SYS: THEORY/PAC. (3 Credits)

Combination of readings, film, videotapes, and class discussions to provide the student with an overview of the theories and techniques of the major therapists in the field.

Attributes: CLRM, CPCE.

PSYC 6275. FAMILY PSYCHOLOGY. (3 Credits)

Provide basic knowledge of family systems theory as a pre-requisite for understanding family psychology and family therapeutic intervention. Provides a survey of research models and findings relevant to family processes and therapeutic practice.

Attribute: CLRM.

PSYC 6280. BRIEF PSYCHOTHERAPY. (3 Credits)

This course will provide an overview of the major approaches to brief psychotherapy. Various theoretical perspectives are included: psychodynamic, cognitive, behavioral, and interpersonal.

Attributes: CPCE, CPIE.

PSYC 6290. HEALTH DISPARITIES AND SOCIAL INEQUITY. (3 Credits)

This course focuses on the psychosocial correlates and consequences of health disparities involving individuals and groups that have been historically marginalized by society and in some cases by the health sciences and professions. Readings and class discussions will examine the relationship of contextual factors such as poverty, racial/ethnic discrimination, environmental hazards, incarceration, institutionalization and public policy to social and health inequities faced by children and adults with HIV/AIDS, mental illness, intellectual disabilities, and substance abuse disorders. The role of psychology in the emerging health and human rights paradigm in the United States and globally will also be explored.

Attributes: CEED, GENS, CLRM, PMPE.

PSYC 6298. PSYCHOANALYTIC THEORY. (3 Credits)

Theory, research methods, and therapy of the psychoanalytic movement will be explored, including the work of Freud and ego psychological, neo-Freudian, Jungian, interpersonal, object relational, self, archetypal, and existential orientations. Attention will focus on clinically relevant topics such as human development, personality, dreams, and psychopathology, using case material for illustrations.

Attributes: CLRM, CPCE, CPIE.

PSYC 6300. DEV PSY: FOUNDATIONS. (3 Credits)

This course will cover the historical and theoretical foundations of developmental psychology and the emergence of the discipline of Applied Developmental Psychology. Major historical and contemporary theories of development and key topics and research will be considered across domains, with emphasis on core readings, developmentalists, and turning points in the field.

Attributes: CLMB, PMPE.

PSYC 6310. CULTURE, ETHNICITY, RACE. (3 Credits)

"Culture, Ethnicity, Race and Development" reviews how these concepts have been defined in psychological research. We then examine how these social influences affect youth development by focusing on topics in four areas: theories of ethnicity and race in human development, family, social dynamics and cultures.

Attributes: CEED, GENS.

PSYC 6320. ADOLESCENTS/YOUNG ADULTS. (3 Credits)**PSYC 6330. COGNITIVE DEVELOPMENT. (3 Credits)**

Theories and research in structuralism, neo-structuralism, information processing, connectionism and contextualism are investigated.

Attributes: CLMB, PMPE.

PSYC 6340. PERSONALITY DEVELOPMENT. (3 Credits)

The course will provide a history of the life-span approach and examine current issues regarding the nature, directionality, and origins of personality stability and change within a life-span framework. Emphasis will be given to the interdependence of biological and environmental factors influencing personality development. Implications of these issues will be considered with regard to specific content areas and empirical findings.

Attribute: PMPE.

PSYC 6350. APPLIED DEV PSYCHOLOGY. (3 Credits)

This course will provide an introduction to the roles and activities of professionals in applied developmental psychology. Topics will include definitions of the field, ethical issues, public policy, research design, and program evaluation.

Attributes: CEED, CENS.

PSYC 6360. SOCIAL POLICY AND APPLIED PSYCHOLOGY. (3 Credits)

This course will cover the implications of social policy for applied psychology. Examples include the impact of funding patterns on opportunities for research and the application of psychological interventions, and the implications of health legislation for psychologists' research priorities. The course will also emphasize the social policy implications of psychological knowledge. For example, how data on well-being of the elderly should impact regulation of nursing homes.

Attribute: PMPE.

PSYC 6365. CHILD, FAMILY AND SOCIAL POLIC. (3 Credits)

This course will address the intersection of developmental science and child and family social policy. We will examine and discuss debates about problem definition and the role of public policy, social indicators, stakeholders, research and evaluation, ethics, and advocacy in regards to a variety of topics related to child health and development, education, families, poverty and more.

PSYC 6370. COGNITION AND AFFECT. (3 Credits)

A development and comparative examination of significant cognitive theories and research. Structuralist, contextualist, information processing, and connectionist perspectives as well as research from infant to elderly cognition are covered.

Attribute: CLMB.

PSYC 6380. ANXIETY DISORDER SEMINAR. (3 Credits)

The course addresses the etiology of various anxiety disorders- research related to anxiety disorders and treatment options. This course is an in-depth coverage of the major anxiety disorders, beginning with etiological and maintaining factors, as well as information processing and behavioral features, and ending with psychosocial treatment and case management. Special attention is given to specific cases as illustrative of each condition, and complicating factors involved in case management.

Attributes: CLRM, CPCE, CPIE.

PSYC 6385. DEPRESSION AND SUICIDE. (3 Credits)

This course seeks to provide you with an overview of the etiology, diagnosis, and treatment of depression and suicidality. We will examine various models of vulnerability to depression, including psychodynamic, behavioral, cognitive, and interpersonal models. Research findings in these areas will also be examined. Furthermore, this course will provide you with an overview of the epidemiology, assessment, and treatment of suicidal thinking and behavior.

PSYC 6390. GLOBAL MENTAL HEALTH. (3 Credits)

This course provides a survey of models, mechanisms, and critiques surrounding Global Mental Health. Materials are drawn from the burgeoning global mental health literature (e.g., Vikram Patel, Jorgen Unutzer, Helena Verdell) transcultural psychiatry (Arthur Kleinman, Laurene Kirmayer), post-conflict psychosocial mental health field (Ager, de Jong), and mental health capacity building. A section on methods in the middle of the course provides opportunities for students to review research design. Requirements will include weekly reflection papers, a term paper, and an exam. Outside speakers may be invited for selected lectures.

Attributes: CLRM, CPCE, CPIE, HUCB.

PSYC 6510. SOCIAL INFLUENCES ON BEH. (3 Credits)**PSYC 6530. DEV PSYCHOPATHOLOGY. (3 Credits)**

This course will consider developmental disabilities and psychopathologies and the contexts, both natural and designed, that exacerbate or ameliorate these conditions. The ideas of disability, pathology, and dysfunction, and the contrasting ideas of ability, health, and functionality will be considered in relation to each other.

Attribute: CLRM.

PSYC 6630. BEHAVIORAL PHARMACOLOGY. (3 Credits)**PSYC 6654. INTRODUCTION TO NEUROSCIENCE. (3 Credits)**

An exploration of the neuro-anatomical, physiological, and chemical substrates of human behaviors, including movement, sensation, perception, cognition, emotion, and personality. Both typical and atypical behaviors will be considered, as will developmental issues.

Attribute: CLMB.

PSYC 6670. PSYCHOPHARMACOLOGY I. (3 Credits)

This course covers the major psychiatric medication used in direct service delivery setting for mental health care. Special attention will be given to the role of psychotropic medication in the conduct of psychological services, including case management and treatment facilitating/interfering matters.

Attributes: CLRM, CPCE.

PSYC 6802. INTRO TO PSY STATISTICS W/ LAB. (3 Credits)

This course will replace PSYC 6800 and PSYC 6801. Most psychological research depends on statistical methods. This course aims to provide an introduction of a variety of statistical methods for psychological research.

PSYC 6830. PSY RESEARCH METHODOLOGY. (3 Credits)

The course will cover a variety of topics involving research methodology and design. Pitfalls and potential solutions to many experimental and quasi-experimental methodologies will be addressed. Students will complete their own research project during this course, including design, finding subjects, experimentation, analysis, and write-up.

PSYC 6850. EVALUATION OF PSYCHOLOGICAL & SOCIAL PROGRAMS. (3 Credits)

Review of the literature relating to the scientific evaluation of psychological programs in the areas of mental health, addiction, compensatory education, and societal innovation. Extensive discussion of the use of quasi-experimental designs, and numerous methodological issues and pragmatic problems associated with evaluation studies.

Attribute: CLRM.

PSYC 6890. APPLIC OF STAT SOFTWARE. (3 Credits)**PSYC 7010. PSYCHOLOGY AND CRIMINAL LAW. (3 Credits)**

This course is designed to provide an overview of the interaction between psychology and the criminal law. We will focus primarily on the three major aspects in which psychologists are involved in the criminal justice system: competence to stand trial evaluations, mental state at the time of the offense (mens rea and the insanity defense), and the assessment of risk/prediction of future dangerousness. Because the interaction of psychology and law is by definition interdisciplinary, this course is co-taught by a forensic psychologist (Professor Rosenfeld) and attorney (Professor Cohen), and is open to both psychology graduate students and law students. The content of the course is evenly divided between understanding the legal issues involved and the application of psychological principles to these legal issues. In addition, specific topics such as forensic psychological assessment and expert testimony will be discussed.

Attributes: CEED, CENS, CLRM, CPCE.

PSYC 7020. PSYCHOLOGY AND CIVIL LAW. (3 Credits)

This course covers a number of the areas in which psychologists consult on forensic matters outside of the criminal arena. The semester will be divided relatively evenly between the reviewing case law and legal standards and issues related to clinical practice. Specific legal issues discussed include the concept of torts and malpractice, causation, best interest standards, and standards of proof. The first application of these issues pertains to civil law, including the role of psychologists in personal injury and sexual harassment cases, and disability law. The second area of focus concerns the role of psychologists in the family court, including a child custody and visitation evaluations, termination of parental rights, and divorce mediation. Finally, we discuss issues that arise in the elderly and medically ill such as informed consent, decision-making competence, physician-assisted suicide, and testamentary capacity. Overarching issues such as psychological testing, report preparation, and expert testimony are discussed in the context of these topics.

Attributes: CEED, CENS, CLRM, CPCE.

PSYC 7030. PSYCHOLOGY & JUVENILE JUSTICE. (3 Credits)

This course provides an overview of the interaction between psychology and the juvenile justice system focusing on four areas: 1) developmental theories and trajectories of antisocial behavior, 2) assessment and identification of risk and protective factors among justice system-involved youth, 3) clinical evaluations related to legal questions, and 4) empirically supported treatment/program.

Attribute: CLRM.

PSYC 7050. PHIL FOUNDATIONS OF PSYC. (3 Credits)**PSYC 7111. PSYCHOPATHOLOGY. (3 Credits)**

An overview of the primary types, causes, and symptoms of a working knowledge of the basic tools used in clinical diagnosis, including diagnostic evaluation skills in the assessment of specific psychological disorders, as well as case formulation skills from different theoretical perspectives.

PSYC 7121. CLINICAL DIAGNOSIS. (3 Credits)

This course is designed to promote the development of a working knowledge of the basic tools used in clinical diagnosis, including diagnostic evaluation skills in the assessment of specific psychological disorders, as well as case formulation skills from different theoretical perspectives.

PSYC 7122. DEVEL & PREVENTION SCIENCE. (3 Credits)**PSYC 7250. TREATMENT OF SUB ABUSE. (3 Credits)**

This course will cover theories and supporting research data concerning the development and maintenance of substance abuse disorders. It will concentrate heavily on specific techniques and regimens developed especially for the treatment of substance abuse disorders. Emphasis will be placed on psychosocial forms of treatment.

Attributes: CLRM, CPCE, CPIE.

PSYC 7422. PERCEP DEV THEORIES. (3 Credits)**PSYC 7500. COMPUTERIZED MULTISTAGE TESTING. (3 Credits)**

This course provides a general overview of adaptive and multistage test (MST)'s important concepts. The MST design is described, why it is needed, and how it differs from other test designs, such as linear test and CAT designs, and how it represents a middle ground between the linear and intern-level adaptive tests. It will illustrate and discuss the processes of test design, assembly, routing, scoring, applications, and operational implementation considerations, as well as the most recent development on software for simulations to aid the operational implementation.

PSYC 7804. REGRESSION WITH LAB. (3 Credits)

This course covers all types of regression analyses and related ideas. Hands on experience and development of expertise in conducting regression analyses.

Attribute: CLMB.

PSYC 7806. MULTIDIMENSIONAL SCALING. (3 Credits)

A consideration of the theory and applications of the scaling of data, univariate and multivariate, metric and non-metric in psychology and related sciences. Emphasis is on the various theoretical models for scaling data multi-dimensionally and their computer program analogues.

PSYC 7810. STATISTICAL COMPUTING WITH R. (3 Credits)

This course teaches the fundamentals of data analysis using the R computing environment. The course will cover data manipulation and visualization and standard statistical analyses such as t-tests, ANOVA, regression and X²-tests. No prior programming experience is required.

PSYC 7811. MISSING DATA ANALYSIS. (3 Credits)

Missing data is common in behavioral research. This course covers the concepts of missing data (e.g., mechanisms of missing data, categorizations of missing data), research designs in minimizing missing data, planned missing data designs, and statistical methods in handling missing data with different types of data (cross-sectional, longitudinal, categorical, multilevel). Software implementation of these techniques will be introduced and covered.

Prerequisite: PSYC 7804.

PSYC 7812. FACTOR ANALYSIS. (3 Credits)

Theories of trait organization and techniques of factor analysis. Critical evaluation of major research on the identification of aptitude and personality traits.

Attributes: CLRM, PMTM.

PSYC 7815. CLUSTER ANALYSIS. (3 Credits)

Cluster Analysis is a generic term for a range of methods that use criteria, and algorithms for discovering and defining groups of similar objects, subjects, concepts, stimuli, or other entities. Current methods and their comparative evaluation are presented in the context of behavioral science applications. The interrelationship of cluster analysis with factor analysis, multidimensional scaling and discriminant analysis is discussed. Students are expected to use the computer to analyze behavioral science data in the course.

PSYC 7816. INTRODUCTION TO MULTIVARIATE ANALYSIS. (3 Credits)

This course covers elements of matrix theory, multivariate regression, exploratory factor analysis, principal component analysis, discriminant analysis, the generalized T-distribution, multivariate analysis of variance, and canonical regression. It also includes a treatment of pattern, profile analysis, and a brief introduction of correspondence analysis.

Attribute: CLMB.

PSYC 7820. NONPARAMETRIC STATS. (3 Credits)**PSYC 7821. Advanced Multivariate Analysis for Psychology. (3 Credits)**

This course will cover the major multivariate statistical techniques used in social and behavioral sciences. The topics covered are similar to those in introduction to Multivariate Analysis; the multivariate normal distribution, the multivariate general linear model (MANOVA, Multivariate Multiple Regression, MANCOVA), discrimination and classification, canonical correlation analysis, and methods of analyzing covariance and correlation structures such as principal components and factor analysis. The coverage on this class goes beyond application of these techniques by focusing on their statistical and theoretical foundations, and by emphasizing matrix algebra computations.

PSYC 7825. TOPICS IN QUANT METHODS. (3 Credits)

Topics in quantitative research methods are selected by the instructor.

PSYC 7826. TOPICS IN QUANT METHOD II. (3 Credits)**PSYC 7827. MODELS OF DECISION AND CHOICE. (3 Credits)**

This course will cover normative and descriptive models of individual choice and decision-making beginning with Expected Value and concluding with Cumulative Prospect Theory. The course will emphasize the interface and exchange between theory and experimentation. In particular we will focus on the ways in which theory has changed and adapted in response to empirical behavioral results.

PSYC 7830. STRUCTURAL EQUATION MODELING. (3 Credits)

The course and lab familiarizes students with methodology topics include: determination of model parameters, fitting models to data, etc., LISREL, EQS, AMOS, Mplus and SEPATH.

Attribute: PMTM.

PSYC 7832. META-ANALYSIS. (3 Credits)

This course will introduce participants to the methodology of systematic reviews of scientific literatures and meta-analysis—a set of techniques designed to synthesize research findings across studies as the basic units of data analysis. The course will cover all major synthesis (meta-analysis) with special attention to the unique features of such analyses. Participants will read and critique published meta-analyses and will gain experience with some meta-analysis software.

Attribute: CLRM.

PSYC 7835. CATEGORICAL DATA ANALYSIS. (3 Credits)**PSYC 7840. ADVANCED STRUCTURAL EQUATION MODELING. (3 Credits)**

This course covers advanced aspects of structural equation modeling, such as: power and sample size determination; longitudinal data analysis and growth curve modeling; and use of structural equation models to examine variable interactions.

PSYC 7850. HIERARCHICAL LINEAR MODELS. (3 Credits)

This course introduces linear models (regression, ANOVA and ANCOVA) for populations having a hierarchical structure. An example of such a structure would be students grouped in universities. Here there is assumed to be a population of universities and, for each university, a population of students. Suppose there is some outcome variable of interest (perhaps GPA in this example). Predictors for this variable might be available at the student level (admission test scores) as well as the university level (selectivity). Hierarchical linear models provide an appropriate framework for exploring data obtained from such a structure (involving a sample of universities and a sample of students from each of the sampled universities). Bayesian, non-Bayesian, and Empirical Bayesian approaches will be discussed and compared.

Attributes: CLRM, PMTM.

PSYC 7860. Introduction to Diagnostic Models. (3 Credits)

This course will provide an overview of cognitive diagnostic models, diagnostic classification models, or similar, as well as estimation, and model equivalency issues. The format of the course will be a seminar where participants earn credit by taking on responsibility to write up and present a topic during one of the classes.

PSYC 7880. STATISTICAL MEDIATION ANALYSIS. (3 Credits)

This course will provide a comprehensive introduction to statistical mediation analysis including estimation of effects, consideration of assumptions, and limitations of method. Course topics will cover computer intensive applications of mediation, including multivariate models with multivariate models with multiple indicators and mediators, as well as longitudinal and hierarchical models. The goal of this course is to prepare students for applying mediation to their own program of research.

PSYC 7890. QUALITATIVE METHODS. (3 Credits)

This course examines strategies available for the analysis of data not appropriately addressed by typical statistical methodologies. This course provides knowledge of qualitative research methods and skills necessary to carry out this kind of research in psychology. Principles, procedures, ethics, and illustrative studies in phenomenology, grounded theory, narrative psychology, hermeneutics, heuristic research, psychoanalysis, action research, programs of evaluation, and feminism will be explored. Hands-on activities include the formulation of research problems, design, data collection, analysis, validation, and report writing.

Attribute: CLMB.

PSYC 7900. STATS FOR TEST CONSTRUCT. (3 Credits)

Requirement for students applying for: Teaching Fellow, Senior Teaching Fellow, and Teaching Associates.

PSYC 7920. ITEM RESPONSE THEORY. (3 Credits)

This course focuses on item response theory psychometric models, including two- and three-parameter models. Theory and application are discussed and studied, using the various models.

Attribute: CLRM.

PSYC 7921. ITEM RESPONSE THEORY LAB. (1 Credit)

Provides experience in modeling data and using IRT programs.

PSYC 7930. MATRIX ALGEBRA. (3 Credits)**PSYC 7940. BAYESIAN STATISTICS. (3 Credits)****PSYC 7950. CORRESPONDENCE ANALYSIS. (3 Credits)****PSYC 7960. EQUATING TEST SCORES. (3 Credits)**

Test equating methods are used to produce scores that are comparable across different test forms. The course will provide a detailed overview of the observed-score equating (OSE) methods and framework, and of the IRT OSE method; the assumption that underlie different methodologies and the relevant data collection designs will also be discussed. In this course, theoretical issues will be considered along with numerical examples and software demonstrations using real data.

PSYC 7965. EXPERIMENTAL DESIGN. (3 Credits)

This class exposes students to the basic principles of experimental design and the appropriate tools for analysis of results from experimental studies. We will cover single- and multi-factor designs, blocking and repeated measures designs, analysis of covariance and the special statistical issues associated with multiple comparisons and non-orthogonal designs.

Attributes: ASDM, PMTM.

PSYC 7990. THE TEACHING OF PSYCHOLOGY. (3 Credits)

Theory and practice of college teaching will be reviewed. Topics will include lecturing, demonstrations, assessment methods, out of class writing assignments, syllabus preparation, local requirements and values.

PSYC 8000. SEM ON TEACHING OF PSYCH. (0 Credits)**PSYC 8001. INTERNSHIP IN APPLIED PSYCHOLOGICAL METHODS. (3 Credits)**

Students will identify a research project or program evaluation project in collaboration with their site supervisor and their internship mentor, and complete that project, drawing upon skills learned during the course of the Master's program. Students will have one semester to complete this project.

PSYC 8013. PSYCHOMETRIC TOPICS SEMINAR I. (0 Credits)**PSYC 8014. PSYCHOMETRIC TOPICS SEMINAR II. (3 Credits)****PSYC 8015. IDENT. OF CHILD ABUSE. (0 Credits)**

The seminar will deal with the identification and reporting of child abuse. The sequelae of child abuse and maltreatment (medical, psychological, and legal) will be discussed. New York State laws and regulations dealing with reporting responsibilities will receive special emphasis.

PSYC 8023. CLINICAL TOPICS SEMINAR. (0 Credits)**PSYC 8025. RESEARCH COLLOQUIUM. (0 Credits)**

Students will learn about research being conducted by faculty members, other graduate students, and invited speakers from other institutions.

PSYC 8030. INDIVIDUAL READING. (3 Credits)**PSYC 8040. INDEPENDENT RESEARCH. (3 Credits)**

This course offers opportunities for students to work with individual faculty on individual projects of their own design.

PSYC 8043. ADP RESEARCH APPRENTICESHIP I. (3 Credits)

A research apprenticeship for all students in the Applied Developmental Program, taken within the first two years of study. Students, working under the direct supervision of a Developmental faculty member, gain firsthand experience in design, implementation, and analysis of a research project pertaining to the development of infants, children, adolescents, mid-life, or older adults.

PSYC 8044. ADP Research Apprenticeship II. (3 Credits)

A continuation of PSGA 8043.

PSYC 8045. ADP Research Apprenticeship III. (3 Credits)

A continuation of research apprenticeship I and II for all students in the Applied Developmental Program taken within the first two years of study. Students working under the direct supervision of a developmental faculty member, gain firsthand experience in design, implementation and analysis of research, project pertaining to the development of infants, children, adolescents, mid-life, or older adults.

PSYC 8050. PRE-DOCTORAL THESIS. (3 Credits)

Under the direction of a faculty mentor, student conducts a short-term research project, analyzes results, and prepares a report in a journal article format.

PSYC 8060. RESEARCH SEMINAR I. (1 to 3 Credits)

Prior to beginning work on dissertation, each doctoral student prepares a written proposal of the research project and discusses it orally at a meeting of the seminar. Required of all doctoral students.

PSYC 8070. RESEARCH SEMINAR II. (3 Credits)

Each doctoral student is required to make a written and oral progress report on the dissertation research after completion of data gathering analysis.

PSYC 8080. CLINICAL PSYCHOLOGY INTERNSHIP. (1 Credit)

To be taken only after completion of all other degree requirements.

PSYC 8081. APPLIED DEV. INTERNSHIP. (1 Credit)**PSYC 8082. PSYCHOMETRIC INTERNSHIP. (1 Credit)****PSYC 8083. HALF-TIME DEV. INTERNSHIP. (0.5 Credits)****PSYC 8085. APPLIED DEV. INTERNSHIP. (0 Credits)**

This course is the third semester requirement for ADP students who choose to take four half-time semesters of supervised internship experience.

PSYC 8202. CLINICAL EXTERNSHIP I. (3 Credits)

Supervised training in clinical psychology as affiliated practicum agencies.

PSYC 8203. CLINICAL EXTERNSHIP II. (3 Credits)

Continuation of PSGA 8202.

PSYC 8211. PSYCHOTHERAPY PRAC II. (3 Credits)**PSYC 8212. CLINICAL EXTERNSHIP III. (2 Credits)**

Supervised experiences in psychotherapy, with discussion and reading assignments on personality dynamics, therapeutic techniques, and problems in psychotherapy.

PSYC 8213. CLINICAL EXTERNSHIP IV. (2 Credits)

Continuation of PSGA 8212.

PSYC 8221. CLINICAL EXTERNSHIP V. (1 Credit)**PSYC 8223. CLINICAL EXTERNSHIP VI. (1 Credit)****PSYC 8271. CHILD PSYCHOTHERAPY. (3 Credits)****PSYC 8290. CLINICAL SUPERVISION. (1 Credit)****PSYC 8350. APPLIED DEV PSY PRAC I. (3 Credits)**

Supervised work in the application of developmental psychology to field settings. Students complete a project, such as a needs assessment or program design and evaluation practicum site. Prerequisites: PSGA 6350 and PSGA 6000.

Prerequisites: PSGA 6350 (may be taken concurrently) and PSGA 6000 (may be taken concurrently).

PSYC 8351. APPLIED DEV PSY PRAC II. (3 Credits)

Continuation of PSGA 8350.

PSYC 8550. ST SEM: DEVELOP ASSESS & LAB. (3 Credits)

This course examines developmental and multicultural issues in assessment use and construction. The lab provides experience in testing children and adolescents and report writing.

PSYC 8999. INDEPENDENT STUDY. (1 to 3 Credits)

Under the direction of a faculty mentor, student conducts a research project not directly related to either the second-year project (PSGA 8050) or the doctoral dissertation.

PSYC 9999. DISSERTATION DIRECTION. (1 Credit)