PSYC - PSYCHOLOGY

PSYC Class Schedule (https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/PSYC/)

Courses

PSYC 100 Intro Psych credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/100/)
[IAI Code: S6900] Study of human behavior with special reference to perception, learning, memory, thinking, emotional life, and individual differences in intelligence, aptitude, and personality; emphasis on the scientific nature of psychological investigations; and discussion of research methods and the relation of their results to daily life and everyday problems. Lectures, discussions, and six hours of participation as a subject in psychological experiments.
This course satisfies the General Education Criteria for:
Social Beh Sci - Beh Sci

PSYC 102 Psych Orientation credit: 0 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/102/)
Lectures designed to acquaint the psychology major with the various specializations available in the field, career exploration procedures, and a wide range of opportunities of special interest to psychology students. Recommended for freshmen in psychology. Approved for S/U grading only.

PSYC 144 Stereotypes, Prejudice & Discrimination credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/144/)
Course in Inequality & Cultural Understanding provides an interdisciplinary introduction to questions related to societal inequality. Each section emphasizes experiential learning through, for example, field trips or hands-on, community-based research projects. Prerequisite: This course is intended for first and second year students.
This course satisfies the General Education Criteria for:
Social Beh Sci - Beh Sci
Cultural Studies - US Minority

PSYC 199 Undergraduate Open Seminar credit: 1 to 5 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/199/)
Approved for letter and S/U grading. May be repeated.

PSYC 201 Intro to Social Psych credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/201/)
[IAI Code: S8900 and PSY908] Systematic study of social factors in individual and group behavior; attention to social perception, motivation, and learning; attitudes, norms, and social influence processes; the development and dynamics of groups; and the effects of social and cultural factors on the individual. Prerequisite: PSYC 100.
This course satisfies the General Education Criteria for:
Social Beh Sci - Beh Sci

PSYC 204 Intro to Brain and Cognition credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/204/)
Introduction to the interdisciplinary field of cognitive neuroscience, which is concerned with how the cognitive systems supporting a broad range of capacities including memory, attention, and social and emotional processing, arise from the functioning of specific brain modules and brain mechanisms. Emphasizes how functional brain imaging and other cognitive neuroscience methods can be brought to bear on answering these questions. Prerequisite: PSYC 100.

PSYC 207 Psychology of Prejudice and Discrimination credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/207/)
Examines the psychological causes and social consequences of prejudice and discrimination in society. Learn about the current state of prejudice and discrimination in the U.S., empirical methods for studying prejudice and discrimination, and psychological interventions for reducing prejudice and discrimination. Topics include stereotyping, cognitive biases, group conflict, ideology, implicit associations, subtle and benevolent forms of prejudice, and microaggressions.
This course satisfies the General Education Criteria for:
Social Beh Sci - Beh Sci

PSYC 210 Behavioral Neuroscience credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/210/)
Survey of current knowledge and speculation regarding the brain's role in perception, motivation, sexual behavior, thinking, memory, and learning, based upon human clinical data and research in animal models. Prerequisite: PSYC 100 or consent of instructor.

PSYC 214 The Psychology of Racism in the United States credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/214/)
Introduction to the conceptual foundation of racism and how racism impacts racially marginalized individuals within the United States. Empirical research from psychology, sociology, and public health will be reviewed to understand the origin and historical underpinnings of racism, analyze the multidimensional and multilevel nature of racism, examine the impact of racism on racially marginalized groups, and understand the resilience of racially marginalized groups within the United States.

PSYC 216 Child Psych credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/216/)
[IAI Code: S6903] Study of the psychological development of the child. Credit is not given toward graduation for: Credit is not given for both PSYC 216 and EPSY 236. Prerequisite: PSYC 100.

PSYC 220 Images of Mind credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/220/)
Introduction to neuroimaging and cognitive neuroscience, with a particular emphasis on critically evaluating neuroscience in the media. In addition to surveying reports in the popular press and their corresponding science articles, covers basic neuroanatomy, neuroimaging techniques, and a range of topics from cognitive neuroscience. Prerequisite: PSYC 100 or consent of instructor.

PSYC 224 Cognitive Psych credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/224/)
Introduction to the psychological study of human information processing and memory; acquisition, retrieval, and forgetting; and general knowledge, concepts, reasoning, and related issues in cognition. Prerequisite: PSYC 100.

PSYC 225 Language, Mind, and Brain credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/225/)
Same as LING 225. See LING 225.
This course satisfies the General Education Criteria for:
Social Beh Sci - Beh Sci

PSYC 230 Perception & Sensory Processes credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/230/)
Survey of the experimental psychology of sensory and perceptual processes and behavior; emphasis on the contribution of behavior science to understanding subjective experience of the physical and social environment.
This course satisfies the General Education Criteria for:
Social Beh Sci - Beh Sci

PSYC 235 Intro to Statistics credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/235/)
[IAI Code: M1902] Development of skill and understanding in the application of statistical methods to problems in psychological research; topics include descriptive statistics, probability theory and distributions, point and interval estimation, and hypothesis testing. Credit is not given toward graduation for: both PSYC 235 and any of STAT 100, ECON 202, EPSY 480, PSYC 301, SOC 485. Prerequisite: PSYC 100; college algebra or equivalent; or consent of academic advisor.
This course satisfies the General Education Criteria for:
Quantitative Reasoning I

PSYC 236 Madness and Modern Society credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/236/)
Same as HIST 236. See HIST 236.
This course satisfies the General Education Criteria for:
Humanities - Hist Phil
Cultural Studies - Western

PSYC 238 Psychopathology and Problems in Living credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/238/)
Conceptions and facts about disordered behavior, including psychoses, neuroses, and other patterns of psychological disturbance. Prerequisite: PSYC 100.

PSYC 239 Community Psych credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/239/)
Redefines human and social problems and the implications for social programs and policies; reviews the historical antecedents, conceptual models, strategies and tactics of social and community programs; and employs examples from selected social systems (e.g., criminal justice, education, employment, and mental health). Prerequisite: PSYC 100.
This course satisfies the General Education Criteria for:
Social Beh Sci - Soc Sci

PSYC 245 Industrial Org Psych credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/245/)
Systematic study of the application of psychological methods and principles in business and industry; emphasis on personnel selection and factors influencing efficiency. Prerequisite: PSYC 100; credit or concurrent registration in a statistics course.

PSYC 248 Learning and Memory credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/248/)
Survey of basic phenomena in learning and memory emphasizing experimental data from animal and human research. Prerequisite: PSYC 100.

PSYC 250 Psych of Personality credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/250/)
Study of personality from various points of view: biological, experimental, social, and humanistic; surveys theory and empirical research in the study of personality. Prerequisite: PSYC 100.

PSYC 255 Decisions & Judgement credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/255/)
Survey of research into human decision making and judgment. Students will learn to apply and test normative, descriptive, and cognitive theories of choice. Through readings and lectures, students will examine topics including optimality, bounded rationality, heuristics & biases, preference reversals, consumer choice, and experience-based decision making.

PSYC 290 Research Experience in Psych credit: 1 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/290/)
Supervised participation in research and scholarly activities, usually as an assistant to an investigator. Approved for S/U grading only. May be repeated to a maximum of 9 hours. Prerequisite: Ten hours of psychology or cognate area, or written consent of instructor.

PSYC 296 Introduction to Current Topics in Psychology credit: 0 to 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/296/)
Introductory treatment of current topics in the field of psychology. May be repeated up to 6 hours in the same semester, to a total of 9 hours in subsequent semesters. Prerequisite: PSYC 100 or consent of instructor.

PSYC 301 Psychological Statistics credit: 5 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/301/)
Development of skill and understanding of statistical methods for problems in psychological research; topics include descriptive statistics, probability theory and distributions, point and interval estimation, and hypothesis testing. The class also involves a computer laboratory. Strongly recommended to students who plan to pursue graduate studies in Psychology. Credit is not given toward graduation for both PSYC 301 and any of STAT 100, ECON 202, EPSY 480, PSYC 235, SOC 485.
This course satisfies the General Education Criteria for:
Quantitative Reasoning I

PSYC 302 Applied Neuroscience credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/302/)
Examines topics in neuroscience highly relevant to our daily lives, especially as it pertains to mental health. Topics include neurobiology related to anxiety, depression, addiction, exercise, learning, memory, and personality characteristics. Special attention will be paid to race, sex, and socioeconomic differences and their influence on both genetic risk and environmental stress. The class will emphasize critical thinking and conceptualization and will frequently include open discussions. Same as NEUR 302. Prerequisite: PSYC 100 or equivalent.

PSYC 306 Psychology of Morality credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/306/)
Presents an overview and analysis of historical and current theory and research on moral psychology. Explores development of morality, moral reasoning and decision-making, rational and biased inputs to moral judgments, moral emotions, moral impression formation and person perception. Emphasis is on the social psychology of morality, but other perspectives such as developmental, cognitive, political, and individual differences will be explored. Prerequisite: PSYC 100 or equivalent.

PSYC 308 Psychology of Religion and Spirituality credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/308/)
Examines major topics in the psychology of religion and spirituality to promote reflection on how religion shapes attitudes, behavior, and contemporary U.S. society. Through the lens of psychology, we explore questions such as: Why are some people religious and spiritual? How do we study religion and spirituality from a psychological perspective? What do religion and spirituality look like across the lifespan? Does religion shape prejudice, morality, violence, or altruism? What is the role of religion in promoting health? Overall, we will examine these and other questions to promote greater understanding regarding the role of religion and spirituality in the lives of individuals and larger society. Same as REL 308. Prerequisite: PSYC 100 or equivalent.

PSYC 311 Behavioral Neuroscience Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/311/)
Introduction to the research techniques used in behavioral neuroscience: includes behavioral analysis of drug effects, anatomy of the brain, hormones and behavior, neural circuits and related topics. Students will have direct experience working with laboratory rats to understand their importance in the advancement of our knowledge about how the brain functions. Prerequisite: Credit or concurrent registration in PSYC 210, or consent of instructor.

PSYC 312 Psychology of Race & Ethnicity credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/312/)
Exploration of the theoretical, empirical, and experiential writings concerning the issues of race and ethnicity as they relate to human behavior from the perspective of the individual in various social contexts. Same as AFRO 312. Prerequisite: PSYC 100.

PSYC 313 Drugs, Brain and Behavior credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/313/)
Drugs are ubiquitous in our society, whether used for medicinal or recreational purposes. We may be led to believe that chemical substances can be the cure for all that ails us, or the source of our demise. In this course, we cut through the noise by introducing key concepts critical for understanding how drugs can impact behavior: where drugs come from, how they get into the brain, what they do once they are there, and how drug action can lead to complex behavioral responses. Same as NEUR 313. Prerequisite: PSYC 210 or the consent of the instructor.

PSYC 318 Psych of the Infant credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/318/)
Early infant behavior, emphasizing critical evaluation of the various research techniques; prenatal and perinatal influences, ontogeny of psychological processes, environmental determinants, and infant assessment. Prerequisite: PSYC 216.

PSYC 320 The Teenage Years credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/320/)
An introduction to development during the teenage years (12-18). The course will cover research on biological, cognitive, social, and emotional development. Topics will include pubertal development and its social consequences, changing relationships with parents, identity development, the increasingly important role of peers, school adjustment, the emergence of psychopathologies, and high risk behaviors such as substance use. The course will focus on normative development in the U.S., but it will also cover cross-cultural development. Prerequisite: PSYC 100 and PSYC 216.

PSYC 321 Human Memory credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/321/)
Advanced treatment of human memory. Examines basic theory and methodology; types of memory; semantic, episodic, procedural, memory for language, places, and events; knowledge and memory; autobiographical memory; exceptional memory; mnemonics. Prerequisite: Six hours in psychology at or above the 200 level, such as PSYC 224 or PSYC 248.

PSYC 322 Introduction to Intellectual Disability credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/322/)
Same as SPED 322. See SPED 322.
This course satisfies the General Education Criteria for:
Social Beh Sci - Beh Sci

PSYC 324 Developmental Psychopathology credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/324/)
Overview of major theories and research in the field of developmental psychopathology. An emphasis will be placed on understanding how psychopathology is conceptualized from a developmental perspective. Topics will involve issues related to etiology, assessment, classification/diagnosis, and intervention. A range of psychological problems in childhood and adolescence will be discussed to illustrate the central themes. Prerequisite: PSYC 100 and either PSYC 216 or PSYC 238, or consent of instructor.

PSYC 328 Psychology of Gender credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/328/)
Discusses the similarities and differences between males and females across the lifespan, looking at possible biological and social explanations. Some of the topics covered include how children learn gender roles, similarities and differences across cognitive and social abilities, mental and physical health, and gender in different settings, including at work, at school, and at home. The course will also focus on agents of socialization, including the media, peers, and family. Prerequisite: PSYC 100 or equivalent.

PSYC 329 Animal Behavior credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/329/)
Same as ANSC 366, ANTH 342, and IB 329. See IB 329.

PSYC 331 Cognitive Psych Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/331/)
Examination of the methods used to study human thought processes, including attention, memory, decision-making, language and concepts. Students will learn to design, carry out, and report research in cognitive psychology. Prerequisite: PSYC 224 or PSYC 248; PSYC 235.

PSYC 332 Social Psych Methods Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/332/)
Lecture and laboratory in the methods and techniques of social psychology research in laboratory settings. Prerequisite: PSYC 201; PSYC 235 or equivalent.

PSYC 333 Social Psych in Society Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/333/)
Methods and techniques of social psychological research in natural settings. Students formulate and carry out research problems using procedures appropriate for research in natural settings. Prerequisite: PSYC 201; PSYC 235 or SOC 280.

PSYC 334 Perception Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/334/)
Examination of the research methods used to study human visual and spatial processes, including visual illusion, attention, imagery, navigation and spatial memory. Students will learn to design, carry out, and report psychological research. Prerequisite: PSYC 230 and statistics (PSYC 235 or equivalent).

PSYC 336 Topics in Clin/Comm Psych credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/336/)
Survey and critical review of subdisciplines in clinical/community psychology; concepts, methods, and assessments, intervention strategies and tactics. Subdisciplines addressed will vary. See Class Schedule for current titles. May be repeated with approval to a maximum of 6 undergraduate hours in same term, or to a maximum of 9 undergraduate hours in subsequent terms. Prerequisite: PSYC 238 or PSYC 239 or both depending on topic.

PSYC 338 Neurodiversity in Practice credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/338/)
Examination of neurodiversity as an interdisciplinary framework for understanding neurological differences across individual, social, and institutional contexts. The course covers lived experiences of neurodivergent individuals, integrating perspectives from psychology, disability studies, education, and policy to examine communication across neurotypes, sensory and cognitive diversity, disability law and ethics, access to services, and participation in schools, workplaces, and community settings. Students engage in case analysis, structured discussion, and a collaborative group project that advances inclusion and equity. Prerequisite: PSYC 100 (or consent of instructor). Restricted to students with junior or senior standing.

PSYC 339 Restorative Justice: Principles and Methods credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/339/)
Pulling from a variety of applied disciplines and areas of scholarship, this course provides an overview of the contemporary restorative justice movement and critically examines restorative justice principles and methods. Starting with the problems and limitations associated with mainstream (punitive) responses to crime and rule violations, we examine how restorative justice presents an alternative set of philosophical principles of justice and seek to understand the costs and benefits associated with the different methods developed to apply that philosophy.

PSYC 340 Community Projects credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/340/)
Principles of psychology applied to service problems in the community; students serve as nonprofessional mental health workers in supervised experiences in schools, hospitals, and other nontraditional settings. May be repeated in the same or subsequent terms to a maximum of 8 undergraduate hours. Prerequisite: PSYC 100; junior or senior standing; and consent of instructor. Individual sections may require additional courses and prerequisites - consult the instructor.

PSYC 341 Advanced Community Projects credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/341/)
Advanced discussion and practicum on principles of psychology which may supplement mental health and other human services in a community. Students serve as nonprofessional mental health workers in supervised experiences in school hospitals and other nontraditional settings. May be repeated in the same or subsequent terms to a maximum of 8 undergraduate hours. Prerequisite: PSYC 340 and consent of instructor.

PSYC 345 Introduction to Facilitating Group Dialogue credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/345/)
Overview of the skills and knowledge needed to facilitate diverse group interactions. The primary group facilitation method, which will be structured around Critical-Dialogic Intergroup Dialogue, will help students explore the impact of various identities on group dynamics and relationships, how systems shape group dynamics and interpersonal relationships, and how we can move beyond traditional debate or simple conversation to foster deep engagement across various identities. Prerequisite: PSYC 201; or consent of Instructor.

PSYC 350 Personality Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/350/)
Study of personality emphasizing active participation in designing, conducting, analyzing, and presenting of research; lectures concern the practical aspects of research methodology and the philosophy of personality research; and laboratory involves conducting original research in small groups. Prerequisite: PSYC 235 or equivalent; and PSYC 250 or consent of instructor; completion of campus Composition I general education requirement.

PSYC 353 Social Cognition credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/353/)
Analysis of theory and research on problems related to the manner in which persons judge themselves and others on the basis of information received; topics include impression formation integration, determinants of interpersonal attractions, and attribution processes. Prerequisite: PSYC 201 and PSYC 235, or consent of instructor.

PSYC 355 The Attentive Mind credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/355/)
In this class, we will study basic mechanisms of attention, how researchers investigate attention, and how these basic concepts are used in design, legal, and engineering applications. We will also cover a wide range of attention-related topics, including multi-tasking, mind-wandering, mindfulness, neuropsychological disorders of attention (such as spatial neglect), and ADHD. This is an active learning course involving weekly group activities and discussions.

PSYC 358 Human Factors credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/358/)
Same as IE 340. See IE 340.

PSYC 361 The Psychology of Aging credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/361/)
Survey of changes in behavioral function in later adulthood, with emphasis on methodologies for studying aging, cognitive function, personality, social psychology, and psychopathology. Prerequisite: PSYC 100; Recommended: PSYC 216 or PSYC 224.

PSYC 363 Developmental Child Psych Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/363/)
Provides students with a background in developmental research methodology, such as observational techniques used with children. Students will gain experience collecting data and learn how to write research papers. Prerequisite: PSYC 216 and PSYC 235, or equivalent.

PSYC 365 Stress, Trauma and Resilience credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/365/)
Provides an overview of traumatic stress, with a particular emphasis on the biological and social factors that shape human responses to trauma. Students will become familiar with the definition and range of potentially traumatic events in various social contexts (e.g. military vs. civilian), as well as the genetic and environmental features that influence vulnerability vs. resilience to trauma. Prerequisite: PSYC 100 or equivalent.

PSYC 379 Clinical/Abnormal Psych Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/379/)
Introduction to research methods used in clinical psychology covering research concerned with psychopathology. Students will learn concepts and key terms; read and discuss research reports; and obtain first-hand experience designing, carrying out, and reporting on their own research. Students in the class will be the participants for all student-developed research. Prerequisite: PSYC 238.

PSYC 396 Intermediate Current Topics in Psychology credit: 0 to 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/396/)
Intermediate treatment of current topics in the field of psychology. May be repeated to a maximum of 6 hours in a semester, to a maximum of 12 hours in subsequent semesters. Prerequisite: PSYC 100 or consent of instructor; particular sections may have additional 200-level prerequisites.

PSYC 398 Junior Honors Seminar credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/398/)
Seminar on experimental methods and contemporary psychological research. Prerequisite: Junior standing and admission to departmental honors program.

PSYC 402 Intro Clin Neuropsych credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/402/)
Fundamental concepts of clinical neuropsychology will be introduced, and students will learn the neuropsychological measures that are typically employed in assessment. The course will take a developmental perspective, and readings will address assessment issues in children and adolescents as well as adults. The course will be conducted as a lecture/seminar, with a focus on class participation. Actual testing data will be distributed to the class, and discussion will focus on interpretation and case conceptualization. Students will also be required to learn about and administer tests. 4 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 210 and PSYC 238 or consent of instructor.

PSYC 403 Memory and Amnesia credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/403/)
Examination of the nature of amnesia and what it teaches us about the organization of normal human memory. Coverage will include studies of amnesia and other circumscribed memory impairments in human patients, taken from the scientific literature, which will be compared to the descriptions of amnesia in movies, literature, and the media. Same as NEUR 403. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 210 and/or PSYC 224, or consent of instructor.

PSYC 404 Cognitive Neuroscience credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/404/)
Examination of research concerned with identifying and characterizing the cognitive systems supporting such capacities as memory, attention, and visual processing, and with understanding how such cognitive activities arise from the functioning of specific brain modules and brain mechanisms. Same as NEUR 405. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 210 and/or PSYC 224, or consent of instructor.

PSYC 405 Game Development in the Context of Educational and Psychological Research credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/405/)
A hands-on introduction to creating research studies using Unity game development software. Students will identify a foundational study in educational or psychological research and learn to use Unity software to recreate that protocol. Students are NOT expected to have any experience with programming or Unity. This course is ideal for students interested in pursuing an advanced degree in psychology, advanced cognitive and behavioral methods that leverage cutting-edge technology, or those looking for an introduction into game development. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 235 or equivalent; or Consent of Instructor.

PSYC 408 Human Behavior Genetics credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/408/)
Human behavior is the result of many factors, including the independent and interactive effects of biological and social influences. The goals of this course are to understand how the basic principles of genetics can be used in the study of behavior in humans; evaluate the extent to which psychological characteristics are affected by genes; and consider the implications of genetic knowledge in psychology. Students will learn to evaluate evidence for and against genetic influences and gain an appreciation of the interrelationships of biological and social causes of behavior. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 100 or equivalent.

PSYC 413 Advanced Neuropsychopharmacology credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/413/)
Up-to-date coverage of research and theory on the mechanisms of action of psychoactive drugs and how their characteristic behavioral effects arise from drug-receptor interactions in multiple brain circuits. The focus is on drugs used in the treatment of psychopathologies such as mood disorders, schizophrenia and attention deficit disorder, as well as on recreationally used drugs that can lead to substance use disorders. Students will read and review current neuroscience literature. Same as NEUR 413. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: PSYC 313 or consent of instructor.

PSYC 414 Brain, Learning, and Memory credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/414/)
Conveys a knowledge of current research on the physiological bases of learning and memory; considers a wide range of topics from molecular (e.g., cellular morphological and functional plasticity) to relatively molar (e.g., effects of clinical and experimental brain damage on learning and memory processes). Same as NEUR 414. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 210, MCB 150, or consent of instructor.

PSYC 416 African American Psychology credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/416/)
Same as AFRO 411. See AFRO 411.

PSYC 417 Neuroscience of Eating & Drinking credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/417/)
Eating and drinking are critical to survival. Despite complex and redundant mechanisms, aberrant ingestive behaviors occur and can result in extreme body weights. This course is designed to critically probe and review the current understanding of neural and behavioral mechanisms of eating and drinking. Students will learn how eating and drinking are closely related to physical and mental health, and how to apply this knowledge to live a healthier life. Same as FSHN 417, NEUR 417, and NUTR 417. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 100 or equivalent.

PSYC 420 Theories of Psychotherapy credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/420/)
Same as EPSY 420. See EPSY 420.

PSYC 421 Principles of Psychophysiology credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/421/)
Theoretical and practical aspects of human psychophysiology; measurement techniques and the application of psychophysiological principles to problems in developmental, clinical, social, and experimental psychology. Same as NEUR 421. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 235, six hours of psychology, and an introductory course in physiology.

PSYC 423 Language Acquisition credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/423/)
Survey of theory and research on the acquisition of language, concentrating on the acquisition of a first language by the young child. Same as LING 423 and MACS 423. 3 undergraduate hours. 4 graduate hours. Prerequisite: Six hours of psychology or linguistics above the 100-level, or consent of instructor.

PSYC 425 Psych of Language credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/425/)
Survey of theory and research in the psychology of language; topics include relation of linguistics and psychology, language development, and influence of language on perception, memory, and thought. 3 undergraduate hours. 4 graduate hours. Credit is not given for both PSYC 425 and LING 425. Prerequisite: Six hours of psychology or consent of instructor.

PSYC 427 Language and the Brain credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/427/)
Same as LING 427 and SHS 427. See SHS 427.

PSYC 428 Gender Identity Development credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/428/)
Psychological processes involved in gender identity development across the lifespan are explored. Emphasizing developmental perspectives, we will examine how social, cultural, biological, and individual factors shape evolving understandings of gender identity from childhood through adulthood. Topics include identity maturation, life-course transitions, influences of family, peers, and media, and the psychological impact of navigating diverse gender identities and roles. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 328 or equivalent background in Psychology with instructor consent.

PSYC 432 Genes and Behavior credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/432/)
Same as ANTH 432, IB 432 and NEUR 432. See IB 432.

PSYC 433 Evolutionary Neuroscience credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/433/)
Current methods, tools, and progress in evolutionary biology and quantitative genetics of brain and behavior of vertebrates. Same as IB 436, NEUR 433, and PHIL 433. 3 undergraduate hours. 4 graduate hours. Prerequisite: IB 150 or PSYC 210.

PSYC 443 Psychophysiology in Ex & Sport credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/443/)
Same as HK 443. See HK 443.

PSYC 445 Cognitive Neuroscience Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/445/)
Study of the basic principles underlying scanning of the brain using functional Magnetic Resonance Imaging (fMRI). The lectures introduce how to use an MRI scanner, the basic biophysics that makes functional imaging possible, experimental design for fMRI, and basic data analysis. During the labs, students will get hands on experience analyzing fMRI data. Same as NEUR 445. 4 undergraduate hours. 4 graduate hours. Prerequisite: One of the following: PSYC 204, PSYC 210, PSYC 220, or consent of the instructor. PSYC 235 or equivalent is recommended.

PSYC 450 Cognitive Psychophysiology credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/450/)
Survey of the theory and practice of using recordings of brain electrical activity to study normal and abnormal perception, attention, decision-making, memory, response preparation, and language. Same as NEUR 450. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 224 or equivalent; PSYC 210 recommended.

PSYC 451 Neurobio of Aging credit: 0 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/451/)
Study of the neurobiological consequences of aging with an emphasis on brain changes at the cellular and systems level, using animal models of healthy and pathological aging. Same as NEUR 451. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 210 or related courses or consent of instructor.

PSYC 453 Cog Neuroscience of Vision credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/453/)
Overview of the neuroscience of the visual system, the eye and subcortical structures, with a focus on the visual cortex and higher-level vision (e.g. attention and object perception). Same as NEUR 453. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 210, PSYC 220, PSYC 224, PSYC 230 or consent of instructor.

PSYC 455 Organizational Psych credit: 2 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/455/)
Social psychological research and theory applied to industrial problems; emphasis on interaction and communication theory, role theory, leadership theory, motivational and perceptual theory, and group structure theory as an aid in understanding and analyzing industrial problems. 3 undergraduate hours. 2 to 4 graduate hours. Prerequisite: PSYC 201 or PSYC 245.

PSYC 456 Human Performance and Cognition in Context credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/456/)
Same as EPSY 456 and IE 445. See EPSY 456.

PSYC 462 How Children Think credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/462/)
Examines the development of children's thinking from birth through the preschool and elementary school years. Addresses questions such as the following: What do babies know about the world? What can they perceive, and how do their perceptual abilities develop? How do children come to understand other people's actions and mental states? How do they think about biological categories (such as animals and plants) and social categories (such as boys and girls)? When and how do children learn what numbers mean? How is children's development influenced by culture? 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 216.

PSYC 465 Personality and Soc Dev credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/465/)
Major theories of personality and social development, with attention to processes of social learning, individual differences in personality development, and outcomes of social development; applications to school, home, and other field settings. Same as EPSY 405. 3 undergraduate hours. 4 graduate hours. Prerequisite: PSYC 216 or EPSY 236 or equivalent.

PSYC 468 Psych and Law credit: 2 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/468/)
Examines relationship of the administrative, civil, and criminal justice systems to educational and mental health institutions; individual rights, social issues, and psychological well being. 3 undergraduate hours. 2 to 4 graduate hours. Prerequisite: Six hours of social science.

PSYC 472 Environmental Psychology credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/472/)
Same as NRES 472. See NRES 472.

PSYC 475 Personnel Psych credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/475/)
Introduces problems and research relevant to personnel issues in organizations. Topics include: individual differences; selection of personnel; test theory; performance appraisal; equal employment opportunity legislation, regulation, and litigation; assessing bias in selection. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: PSYC 235 or equivalent, and either PSYC 245 or BADM 313.

PSYC 477 Philosophy of Psychology credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/477/)
Same as PHIL 477. See PHIL 477.

PSYC 489 Neural Network Modeling Lab credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/489/)
Introduction to neural network modeling, the principles of neural computation, learning algorithms and the evaluation of neural networks as models of human perception and cognition. 3 undergraduate hours. 4 graduate hours. Prerequisite: College algebra or equivalent; computer programming experience, or consent of instructor.

PSYC 490 Measurement & Test Develop Lab credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/490/)
The measurement of human behavior in psychological studies; the construction and use of psychological tests; introduction to tests of intelligence, achievement, personality, and interest; and practice in test construction, administration, and validation. Lectures and laboratory. 4 undergraduate hours. 4 graduate hours. Prerequisite: A knowledge of statistics equivalent to that from PSYC 235.

PSYC 492 Capstone Undergrad Research credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/492/)
Capstone experience for undergraduate students doing advanced research in any area of psychology. Provides in-depth background knowledge of their research, and teaches students to make effective oral and written presentations of their findings. In conjunction with PSYC 494, will facilitate the preparation of a Bachelor's thesis that can be submitted for the awarding of the departmental distinction at graduation. May be taken for two semesters with the first semester emphasizing a review of the literature and the second semester concentrating on the presentation of the results. 3 undergraduate hours. No graduate credit. May be repeated in separate terms to a maximum of 6 hours. Prerequisite: Senior standing in Psychology, consent of instructor, and students must arrange to do a research project with a faculty member.

PSYC 494 Advanced Research in Psych credit: 1 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/494/)
Supervised independent investigation of special topics in psychology; requires a written report with a final copy submitted for departmental records. 1 to 4 undergraduate hours. No graduate credit. May be repeated to a maximum of 12 hours. Prerequisite: Ten hours of psychology or cognate area, or written consent of instructor.

PSYC 496 Adv Current Topics in Psych credit: 2 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/496/)
Advanced treatment of current topics in the field of psychology. 2 to 4 undergraduate hours. 2 to 4 graduate hours. May be repeated to a maximum of 9 hours. Prerequisite: PSYC 100 and junior standing, or consent of instructor; particular sections may have additional 200-level and/or 300-level prerequisites.

PSYC 498 Senior Honors Seminar credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/498/)
Continuation of PSYC 398, this course assists students in the Psychology Honors Program with the researching and writing of an undergraduate honors thesis, under supervision of a faculty member, on a problem of appropriate scope and character. 3 undergraduate hours. No graduate credit. Prerequisite: PSYC 398.
This course satisfies the General Education Criteria for:
Advanced Composition

PSYC 499 Senior Honors Seminar II credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/499/)
The completion of writing of an undergraduate honors thesis, under supervision of a faculty member, on a problem of appropriate scope and character. Students also create posters describing their work for presentation at the Psychology Honors Poster Fair and the Campus Undergraduate Research Symposium. 3 undergraduate hours. No graduate credit. Prerequisite: PSYC 498.

PSYC 500 Professional Develop for Psych credit: 1 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/500/)
Provides practical guidance to graduate students in psychology about a variety of professional issues, including topics such as publishing, speaking, writing, teaching, research ethics, mentoring, interviewing for jobs, and preparing for different career options. The course is discussion-based and provides a forum to address common questions and problems encountered by graduate students in psychology. Approved for Letter and S/U grading. May be repeated up to 8 credit hours if topics vary.

PSYC 501 Best Psych Research Practices credit: 2 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/501/)
Explores topics concerning the best research practices used in the different areas of psychology. Examination of recent advances in research design, analysis, and reporting will hone methodological and statistical intuitions. Students will investigate the growing literature on problematic practices, consider proposed solutions, and construct and evaluate simulations to enhance their understanding of the best methodologies so they can contribute to a more open and reproducible psychological science. May be repeated up to 8 graduate hours, if topics vary.

PSYC 504 Theories of Attention credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/504/)
Systematic study of the psychology of attention, including focused and divided attention, dual-task performance, attention and memory, attention and automatization, and skilled performance. The emphasis is primarily theoretical, focusing on current approaches and the historical developments that led to them. Prerequisite: Graduate standing in Psychology or consent of instructor.

PSYC 506 Statistical Methods I credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/506/)
Techniques in applied statistics used in psychological research, including simple linear regression, partial and multiple correlation, and nonparametric methods; thorough review of statistical estimation and significance tests; emphasizes applied statistics and statistical computing. Credit is not given for both PSYC 506 and SOC 586. Prerequisite: Graduate standing or consent of instructor.

PSYC 507 Statistical Methods II credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/507/)
Continuation of PSYC 506. Experimental design, including Latin Squares, factorials, and nested designs; expected mean squares; analysis of covariance; emphasizes the general linear model. Credit is not given for both PSYC 507 and SOC 587. Prerequisite: PSYC 506.

PSYC 512 Computational Models of Cognition credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/512/)
Examines computational approaches to modeling human cognition, with emphasis on both methodological foundations and applications across cognitive psychology. The course introduces core modeling techniques, including parameter estimation, hierarchical modeling, model comparison, and joint modeling, with the goal of developing a conceptual understanding of how computational models are constructed, evaluated, and interpreted. Prerequisite: Familiarity with basic computer programing (CS 101, equivalent course knowledge, or consent of instructor).

PSYC 514 Seminar in Cognitive Science credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/514/)
In-depth view of cognitive science: the study of mind and intelligence. Covers major areas of cognitive science including: anthropology, artificial intelligence, cognitive neuroscience, cognitive psychology, emotions, linguistics, and philosophy. Lectures focus on prominent questions and issues in each area highlighted by descriptions of current research. Also explores interconnections among these fields. Same as ANTH 514, CS 549, EPSY 551, LING 570, and PHIL 514. Prerequisite: Minimally second semester graduate standing in a cognitive science discipline including: anthropology, computer science, educational psychology, electrical engineering, linguistics, philosophy, psychology, or consent of instructor.

PSYC 515 Neurotoxicology credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/515/)
Same as CB 514 and ENVS 514. See CB 514.

PSYC 516 Perception credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/516/)
Systematic study of methods and research findings in the field of human perception, together with an evaluation of theoretical interpretations. Prerequisite: Twelve hours of psychology.

PSYC 518 Exp Psych Human Learn credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/518/)
Data and theories of verbal learning; verbal mediators and their functions in learning and retention; transfer of training; short-term and long-term memory; and conceptualizations of the forgetting process. Prerequisite: Twelve hours of psychology or consent of instructor.

PSYC 521 Knowledge Representation credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/521/)
Surveys theories and data about the representation of knowledge by human beings; examines images, concepts, semantic features, propositions, semantic nets, rules, parallel distributed, procedural, schemas, mental models, and theories. Prerequisite: Background in either cognitive psychology, linguistics, or artificial intelligence.

PSYC 524 Dev Psycholinguistics credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/524/)
Examination of empirical and theoretical literature on the acquisition of language; emphasis on universal patterns in the acquisition of a first language and on a consideration of explanations, both psychological and linguistic, for these patterns. Same as LING 524 and MDIA 524. Prerequisite: LING 425, PSYC 425 or PSYC 462, or consent of instructor.

PSYC 525 Psycholinguistics credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/525/)
Critical survey of psychological research on language and communication; emphasis on psychological processes that allow humans to produce and understand speech, writing, and gesture. Same as LING 525 and MDIA 525. Prerequisite: Consent of instructor.

PSYC 529 Second Lang Acq & Bilingualism credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/529/)
Same as LING 529. See LING 529.

PSYC 530 Found of Ind Org Psych credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/530/)
Theoretical and empirical foundations of various content areas in industrial-organizational psychology; sample topics include employee selection and placement, training, human factors engineering, work motivation, employee attitudes, leadership, and organizational theory. Same as LER 530. Prerequisite: Twelve hours of psychology or consent of instructor.

PSYC 532 Intro to Clin-Comm Psych III credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/532/)
Part 3 of a 4 part sequence designed to provide clinical community graduate students with a broad overview of theories, approaches, and methods in clinical and community psychology. This set of courses includes coverage of all major domains in clinical-community psychology, including psychopathology/problems in living, clinical-community assessment, diagnosis, effective interventions and their evaluation, and prevention. These courses are also meant to engage graduate students in the process of critical inquiry in clinical-community psychology. Required of all entering graduate students in clinical-community psychology. Prerequisite: Consent of instructor required for all students not admitted to graduate program in clinical-community psychology.

PSYC 533 Intern in Ind Org Psych credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/533/)
Supervised practice in organizational practice and research, implementation of programs, evaluation, feedback of survey results, applied assessments, assistance in EAP programs, and development of personnel guidelines; emphasizes applications of principles and procedures. Offered in special interest of graduate students in I/O psychology program. Prerequisite: Graduate standing in Psychology, credit or concurrent registration in PSYC 530, and consent of instructor.

PSYC 534 Models of Decision and Choice credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/534/)
Survey of mathematical and other formal models of human judgment and decision processes. Emphasizes differences between normative and descriptive models. Same as ACCY 595 and PS 528. Prerequisite: PSYC 507.

PSYC 535 Cultural Psychology credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/535/)
Explores cultural influences on attitudes, cognition, and behavior. The focus is social psychological but the readings draw on work across several fields, both inside psychology and outside psychology. Subjects have included cultural influences on violence, analytic vs. holistic thinking styles, economic behavior, parenting and education, and the construction of self. Methodological issues in making cross-cultural comparisons will be discussed.

PSYC 537 Development & Psychopathology credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/537/)
Overview of major concepts, issues, and research in the field of developmental psychopathology, which is an interdisciplinary field influenced by psychology, medicine, neuroscience, and other disciplines. Explores youth psychopathology from a developmental perspective, focusing on the intersection between normative and atypical development. Introduces students to assessment and classification, key theories of etiology, and research design issues. Representative disorders will be discussed as examples of how these issues interface with specific types of youth psychopathology. Both pioneering and contemporary research in the field will be covered.

PSYC 538 Intro to Clin-Comm Psych I credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/538/)
Part 1 of 4 part sequence designed to provide clinical-community graduate students with a broad overview of theories, approaches, and methods in clinical and community psychology. This set of courses includes coverage of all major domains in clinical-community psychology, including psychopathology/problems in living, clinical-community assessment, diagnosis, effective interventions and their evaluation, and prevention. These courses are also meant to engage graduate students in the process of critical inquiry in clinical-community psychology. Required of all entering graduate students in clinical-community psychology. Prerequisite: Consent of instructor required for all students not admitted to graduate program in clinical-community psychology.

PSYC 539 Intro to Clin-Comm Psych II credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/539/)
Part 2 of a 4 part sequence designed to provide clinical-community graduate students with a broad overview of theories, approaches, and methods in clinical and community psychology. This set of courses includes coverage of all major domains in clinical-community psychology, including psychopathology/problems in living, clinical-community assessment, diagnosis, effective interventions and their evaluation, and prevention. These courses are also meant to engage graduate students in the process of critical inquiry in clinical-community psychology. Required of all entering graduate students in clinical-community psychology. Prerequisite: Consent of instructor required for all students not admitted to graduate program in clinical-community psychology.

PSYC 540 Social Development credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/540/)
Same as EPSY 530. See EPSY 530.

PSYC 541 Personality and Behav Dynamics credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/541/)
Theory and research in personality, emphasizing personality as individual differences among persons and personality as attributed to persons by others; explores the measurement, antecedents, and consequences of such differences and attributions. Prerequisite: Twelve hours of psychology.

PSYC 542 Interdisciplinary Approaches to Neuroscience I credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/542/)
Same as MCB 542 and NEUR 542. See NEUR 542.

PSYC 543 Interdisciplinary Approaches to Neuroscience II credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/543/)
Same as MCB 543 and NEUR 543. See NEUR 543.

PSYC 544 Developmental Cognitive Neuroscience credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/544/)
A survey of the contributions neuroscience is making or could potentially make toward understanding cognitive development. During the first part of the semester some class time will be dedicated to understanding how different neuroscience measures (e.g., fMRI, EEG, NIRS) are applied to developmental populations. In addition, each class will also focus on the application of neuroscience to a particular psychological topic of interest including language, literacy, mathematics, and social-cognitive development. Course information: Prerequisite: Recommended, but not required: PSYC 569; PSYC 524.

PSYC 545 Intro to Clin-Comm Psych IV credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/545/)
Part 4 of a 4 part sequence designed to provide clinical-community graduate students with a broad overview of theories, approaches, and methods in clinical and community psychology. This set of courses includes coverage of al major domains in clinical-community psychology, including psychopathology/problems in living, clinical-community assessment, diagnosis, effective interventions and their evaluation, and prevention. These courses are also meant to engage graduate students in the process of critical inquiry in clinical-community psychology. Required of all entering graduate students in clinical-community psychology. Prerequisite: Consent of instructor required for all students not admitted to graduate program in clinical-community psychology.

PSYC 546 Intervention & Assessment credit: 1 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/546/)
This two-semester course sequence covers research and methods of intervention, prevention, and assessment/diagnosis in clinical and community psychology. Includes scholarly readings and didactic discussions, as well as supervision of applied work in which the students engage. Instruction in ethical standards and professional development is provided. Emphasis is given to empirically-supported assessment, intervention, and supervision in clinical and community psychology. Approved for Letter and S/U grading. May be repeated up to 9 hours in the same term and up to 40 hours in separate terms. Prerequisite: Credit or concurrent registration in PSYC 538, PSYC 539, PSYC 532, or PSYC 545, or consent of instructor.

PSYC 548 Modeling Heterogeneity credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/548/)
Conceptual, mathematical, and statistical framework to model heterogeneity of behavior. Students will learn to move beyond a psychology of averages and think of variability of behavior as a source of information for scientific inquiry rather than mere noise. This course provides a basic introduction to order-constrained inference methods. Student projects encourage applications to any area of the social and behavioral sciences or at their interface with other scientific disciplines. Students will learn to use open-source public-domain specialized software. Same as PS 534. Prerequisite: PSYC 506 or equivalent, or permission of the instructor.

PSYC 551 Theory in Social Psychology credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/551/)
Overview of the major theoretical perspectives in experimental social psychology, including theories of attitudes, motivation, emotion, interpersonal and intergroup relations, and the self. Prerequisite: Consent of instructor.

PSYC 552 Soc Psych Theory and Meth II credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/552/)
Second of a two-course sequence for first-year graduate students in social psychology. Advanced theoretical and research approaches to a broad range of issues in social psychology; participation and seminar presentations by social psychology program faculty. Each student participates in seminar presentations and develops and conducts a research study in conjunction with one or more faculty members. Prerequisite: Consent of instructor.

PSYC 553 Founds of Organizational Behav credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/553/)
Same as BADM 510, PS 514, and SOC 575. See BADM 510.

PSYC 555 Detection and Discrimination credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/555/)
Reviews prominent theoretical approaches to understanding tasks that involve detection and discrimination. A major portion of the class will be devoted to signal-detection theory and to drift-diffusion theory. The goal of this class is to empower students to bring these well-validated and highly useful models to their own research.

PSYC 563 Research Methods: Clinical/Community Psychology credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/563/)
Examination of research methods and strategies in Clinical and Community Psychology and related fields; issues involved in casual inference from experimental and quasi-experimental designs; qualitative research methods. Prerequisite: PSYC 506.

PSYC 567 Personality Assessment credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/567/)
Methods and theory in the quantitative assessment of personality; review of research findings and trends. Same as EPSY 567. Prerequisite: PSYC 507 or equivalent.

PSYC 569 Cognitive Development credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/569/)
An intensive examination of the origins and development of human cognition, with a focus on early cognitive development from infancy to middle childhood. Involves evaluation of classic and state-of-the-art research in two broad areas of cognitive development, physical knowledge and social knowledge. Various case studies within these areas will be covered such as the development of knowledge about objects, number, other people, social groups, theory of mind, and morality. Prerequisite: Consent of instructor.

PSYC 570 Principles and Methods of Teaching Psychology credit: 0 to 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/570/)
Designed for graduate students in psychology; areas considered include developing course objectives and content; developing and presenting teaching-learning situations; evaluating the attainment of course objectives; advising and counseling students; ethics in teaching; and research problems on the teaching of psychology. Approved for S/U grading only. May be repeated in separate terms up to 12 hours. Prerequisite: Second-year graduate standing in psychology or consent of instructor.

PSYC 572 Statistical Practices in Psychology credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/572/)
Focuses on building general statistical intuitions about best practices in data analysis and research methods. Includes hands-on evaluation of claims about research design, analysis, and reporting. Readings and assignments focus on meta-science and the evaluation of statistical practices. Students will learn to conduct statistical simulations to evaluate statistical practices and their practical consequences. Prerequisite: PSYC 506 and PSYC 507 or permission of the instructor. Intended for graduate students only.

PSYC 573 Clin/Comm: History & Systems credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/573/)
One of a series of independent study courses to help Clinical/Community Psychology graduate students develop breadth of knowledge in the broader field of Psychology. Involves an overview of the history and systems of psychological thought and satisfies the breadth requirement in the area. Prerequisite: Before enrolling in this course, students must develop and maintain a portfolio of engagement with the breadth area of History and Systems demonstrating 45 hours effort. Students must first meet with the course instructor to present their portfolio. Instructor approval required. Clinical/Community Psychology graduate students only.

PSYC 574 Microskills & Prof Standards credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/574/)
This year-long course covers professional standards and ethics, which emphasizes applied skills for the practice of Clinical and Community Psychology. Students will learn basic skills in rapport-building, including initiating the first contact or session, reflective listening, and paying attention to affect, body language, and interpersonal process in session or interactions. Instruction in professional ethics, supervision, and consultation. Students may practice some of the learned skills by developing relationships with gatekeepers of local organizations and providing consultation and supervision or engaging in collaborations to improve the quality of life of community members. Approved for S/U grading only. May be repeated in separate terms to a maximum of 4 hours. Prerequisite: Clinical/Community Psychology graduate students only; or consent of instructor.

PSYC 576 Clinical/Community: Biological credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/576/)
One of a series of independent study courses to help Clinical/Community Psychology graduate students develop breadth of knowledge in the broader field of Psychology. Involves an overview of the research and theory in the major subdomains within the area of Biological Psychology and satisfies the breadth requirement in the area. Prerequisite: Before enrolling in the course, students must develop and maintain a portfolio of engagement with the breadth area of Biological Psychology demonstrating 45 hours of effort. Students must first meet with the course instructor to present their portfolio. Instructor approval required.

PSYC 577 Clinical/Community:Cog/Affect credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/577/)
One of a series of independent study courses to help Clinical/Community Psychology graduate students develop breadth of knowledge in the broader field of Psychology. Involves an overview of the research and theory in the major subdomains within the area of Cognitive/Affective Psychology and satisfies the breadth requirement in the area. Prerequisite: Before enrolling in this course, students must develop and maintain a portfolio of engagement with the breadth area of Cognitive/Affective Psychology demonstrating 45 hours of effort. Students must first meet with the course instructor to present their portfolio. Instructor approval required.

PSYC 578 Clinical/Community:Development credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/578/)
One of a series of independent study courses to help Clinical/Community Psychology graduate students develop breadth of knowledge in the broader field of Psychology. Involves an overview of the research and theory in the major subdomains within the area of Developmental Psychology and satisfies the breadth requirement in the area. Prerequisite: Before enrolling in this course, students must develop and maintain a portfolio of engagement with the breadth area of Developmental Psychology demonstrating 45 hours of effort. Students must first meet with the course instructor to present their portfolio. Instructor approval required.

PSYC 579 Clinical/Community: Social credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/579/)
One of a series of independent study courses to help Clinical/Community Psychology graduate students develop breadth of knowledge in the broader field of Psychology. Involves an overview of the research and theory in the major subdomains within the area of Social Psychology and satisfies the breadth requirement in the area. Prerequisite: Before enrolling in this course, students must develop and maintain a portfolio of engagement with the breadth area of Social Psychology demonstrating 45 hours of effort. Students must first meet with the course instructor to present their portfolio. Instructor approval required.

PSYC 581 Applied Regression Analysis credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/581/)
Same as EPSY 581. See EPSY 581.

PSYC 587 Hierarchical Linear Models credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/587/)
Same as STAT 587 and EPSY 587. See EPSY 587.

PSYC 588 Covar Struct and Factor Models credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/588/)
Introduction to covariance structure models, linear structural equations, and factor analysis; identification and parameter estimation problems; assessing goodness-of-fit; use of up-to-date computer software implementing current estimation methods; applications to a wide variety of social and behavioral science modeling problems. Same as EPSY 588, SOC 588, and STAT 588. Prerequisite: PSYC 594, STAT 571, or SOC 587.

PSYC 589 Categorical Data Analysis in Educational Psychology credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/589/)
Same as EPSY 589 and SOC 579. See EPSY 589.

PSYC 590 Individual Research credit: 0 to 16 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/590/)
For graduate students who wish to conduct research on special problems not included in graduate theses. Approved for S/U grading only. Prerequisite: Consent of instructor.

PSYC 593 Seminar credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/593/)
Discussion of current topics in their historical setting, with special emphasis on research problems. May be repeated if topics vary.

PSYC 594 Multivar Anlys in Psych and Ed credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/594/)
Examines the principal methods of descriptive and inferential statistics used in the analysis of multiple measurements, emphasizing linear transformations, multiple regression, principal components, multivariate analysis of variance, canonical correlation and variates, discriminant functions and variates, and conventional procedures of factor analysis; involves both theory and applications. Same as EPSY 584 and SOC 584. Prerequisite: PSYC 507 or EPSY 581 or EPSY 582 or consent of instructor.

PSYC 595 Theories of Measurement I credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/595/)
Same as EPSY 585. See EPSY 585.

PSYC 596 Theories of Measurement II credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/596/)
Same as EPSY 586. See EPSY 586.

PSYC 598 Proseminar in Psychology credit: 0 to 2 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/598/)
Weekly presentation and discussions of current research by faculty, graduate students and visiting scholars. Sections of these proseminars are offered by each division in the Psychology Department. Requirements include attendance and participation in discussion. Same as NEUR 598. Approved for S/U grading only. May be repeated.

PSYC 599 Thesis Research credit: 0 to 16 Hours. (https://courses.illinois.edu/schedule/terms/PSYC/599/)
Approved for S/U grading only. May be repeated in the same term or in separate terms.