

PSYCHOLOGY (PSYCH-UA)

PSYCH-UA 1 Intro to Psychology (4 Credits)

Typically offered Fall, Spring, and Summer terms

Cimpian, Knowles, Reed, Rhodes, Van Bavel. Offered every semester. 4 points. Fundamental principles of psychology, with emphasis on basic research and applications in psychology's major theoretical areas of study: thought, memory, learning, perception, personality, social processes, development, and the physiological bases of psychology. Included in the class is direct observation of methods of investigation through laboratory demonstrations and by student participation in current research projects.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 2 Teaching in Psychology (2 Credits)

Typically offered Fall and Spring

Prerequisite: admittance by application only. Hilford. Offered every semester. 2 points. The purpose of this course is to train students in teaching science, specifically psychology. Students attend a two-hour weekly seminar on teaching psychology as well as the Introduction to Psychology lecture. Students put their training to immediate use by teaching a weekly Introduction to Psychology recitation.

Grading: CAS Graded

Repeatable for additional credit: Yes

PSYCH-UA 8 Data Literacy for Psychology (4 Credits)

Typically offered Spring

Data Literacy for Psychology will equip students with a critical understanding of how behavioral data, statistics, and psychological research are used and misused. The course will cover the importance of data literacy, lying with data, cognitive biases, Bayesian reasoning, coincidences, opinion polling, pseudoscience, the scientific process, academic publishing, navigating the scientific literature, types of data, experimental design, variables, the concept of a p-value, and the replication crisis.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 10 Statistics for The Behavioral Sciences (4 Credits)

Typically offered Fall, Spring, and Summer terms

No prerequisite. PSYCH-UA 10 and 11 may be taken in either order. Bauer. Offered every semester. 4 points. Students gain familiarity with data description, variance and variability, significance tests, confidence bounds, and linear regression, among other topics. Students work on psychological data sets, learn approaches to statistical prediction, and learn to interpret results from randomized experiments.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 11 Statistics and Data Analysis for Research in Psychology (4 Credits)

Typically offered Fall and Spring

No prerequisite. PSYCH-UA 10 and 11 may be taken in either order (only one is required for the major, but students may take both). Offered every semester. 4 points. Offers a more in-depth coverage of statistical methods and research methodology than PSYCH-UA 10, focusing on both theory and applications. Students will tackle complex statistical concepts and develop practical skills through hands-on data analysis and visualization projects using industry-standard programming languages (R or Python). Strongly recommended for students interested in psychological research.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 22 Perception (4 Credits)

Typically offered Fall, Spring, and Summer terms

Landy, Maloney, Winawer. Offered every semester. 4 points. How do we construct a conception of physical reality based on sensory experience? Survey of basic facts, theories, and methods of studying sensation and perception. The major emphasis is on vision and audition, although other modalities may be covered. Representative topics include receptor function and physiology; color; motion; depth; psychophysics of detection, discrimination, and appearance; perceptual constancies; adaptation, pattern recognition, and the interaction of knowledge and perception.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: Restriction: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP SCORE GREATER OR EQUAL TO 4 OR IB SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2.

PSYCH-UA 25 Cognitive Neuroscience (4 Credits)

Typically offered Fall and Spring

Curtis, Davachi. Offered every semester. 4 points. Provides students with a broad understanding of the foundations of cognitive neuroscience, including dominant theories of the neural underpinnings of a variety of cognitive processes and the research that has led to those theories. In doing so, students also learn about the goals of cognitive neuroscience research and the methods that are being employed to reach these goals.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: Restriction: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP SCORE GREATER OR EQUAL TO 4 OR IB SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2.

PSYCH-UA 27 Language and Mind (4 Credits)

Typically offered Fall and Spring

Introduces students to the field of cognitive science through an examination of language behavior, one of the major domains of inquiry in the discipline. Begins with interactive discussions of how best to characterize and study the mind. These principles are then illustrated through an examination of research and theories related to language representation and use. The course draws from research in both formal linguistics and psycholinguistics.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: PSYCH-UA 29.

PSYCH-UA 29 Cognition (4 Credits)*Typically offered Fall, Spring, and Summer terms*

Hilford, Rehder. Offered every semester. 4 points. Introduction to theories and research in some major areas of cognitive psychology, including human memory, attention, language production and comprehension, thinking, and reasoning.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: Restriction: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP SCORE GREATER OR EQUAL TO 4 OR IB SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2.

PSYCH-UA 30 Personality (4 Credits)*Typically offered Fall and Spring*

AndersenAndersen. Offered every semester. 4 points. Introduction to research in personality, including such topics as the self-concept; unconscious processes; how we relate to others; and stress, anxiety, and depression.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: Restriction: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP SCORE GREATER OR EQUAL TO 4 OR IB SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2.

PSYCH-UA 32 Social Psychology (4 Credits)*Typically offered Fall, Spring, and Summer terms*

Gollwitzer, West. Offered every semester. 4 points. Introduction to theories and research about the social behavior of individuals, such as perception of others and the self, attraction, affiliation, altruism and helping, aggression, moral thought and action, attitudes, influence, conformity, social exchange and bargaining, group decision making, leadership and power, and environmental psychology.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: Restriction: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP SCORE GREATER OR EQUAL TO 4 OR IB SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2.

PSYCH-UA 34 Developmental Psychology (4 Credits)*Typically offered Fall, Spring, and Summer terms*

Adolph. Offered every semester. 4 points. Introduction and overview of theoretical issues and selected research in developmental psychology. Focuses on infancy through adolescence. Lectures interweave theory, methods, and findings about how we develop as perceiving, thinking, and feeling beings.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: Restriction: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP SCORE GREATER OR EQUAL TO 4 OR IB SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2.

PSYCH-UA 35 Social Neuroscience (4 Credits)

This course will provide a broad overview of social neuroscience. We will consider how social processes are implemented at the neural level, but also how neural mechanisms help give rise to social phenomena and cultural experiences. Many believe that the large expansion of the human brain evolved due to the complex demands of dealing with social others—competing or cooperating with them, deceiving or empathizing with them, understanding or misjudging them. What kind of “social brain” has this evolutionary past left us with? In this course, we will review core principles, theories and methods guiding social neuroscience, and research examining the brain basis of social processes, including theory of mind; empathy; emotion; reading faces, bodies, and voices; morality; among others. Overall, this course will introduce students to the field of social neuroscience and its multi-level approach to understanding the brain in its social context.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: Restriction: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP SCORE GREATER OR EQUAL TO 4 OR IB SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2.

PSYCH-UA 38 Lab in Social & Organizational Psycholog (4 Credits)*Typically offered Fall*

Students are acquainted with research methodology in organizational psychology. They then perform an original study, such as a laboratory experiment or research survey, in one of these areas.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: (PSYCH-UA 10 OR Advanced Placement Examination Psychology ≥ 4) AND Prerequisite: (PSYCH-UA 30 OR PSYCH-UA 32 OR PSYCH-UA 62).

PSYCH-UA 39 Lab in Personality & Social Psychology (4 Credits)*Typically offered Fall, Spring, and Summer terms*

Methodology and procedures of personality and social psychological research and exercises in data analysis and research design. Statistical concepts such as reliability and validity, methods of constructing personality measures, merits and limitations of correlational and experimental research designs, and empirical evaluation of theories. Student teams conduct research projects.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: (PSYCH-UA 10 OR PSYCH-UA-11) AND (PSYCH-UA 30 OR PSYCH-UA 32 OR PSYCH-UA 51 OR PSYCH-UA 62) AND Restriction Plans: UAPSYCBA OR UAPSYC-S.

PSYCH-UA 40 Lab in Developmental Psychology (4 Credits)*Typically offered Fall and Spring*

In depth investigation of the methodological foundations of developmental psychology, in particular, behavioral methods with infants and children. Students will learn how to design experiments, create experimental stimuli, collect quantifiable measures from infant and child behavior, and analyze developmental data. Each week students will read ~3 primary research articles from a variety of domains in developmental psychology, but all focused on one methodological theme. Students will produce a thoroughly researched and creative proposed experiment and analysis plan for the course's final project.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: PSYCH-UA 10 or OR PSYCH-UA 11 or AP SCORE GREATER OR EQUAL TO 4 AND PSYCH-UA 34.

PSYCH-UA 42 Lab in Infancy Research (1-4 Credits)*Typically offered Fall and Spring*

Part of a yearlong research training program. Students learn general methods for studying infant development and specific methods for examining infants' perceptual-motor development. Students design and conduct laboratory research projects, code and analyze data, and prepare results for presentation and publication (grant proposals, conference submissions, and journal submissions).

Grading: CAS Graded**Repeatable for additional credit:** Yes

Prerequisites: Plan UAPSYCBA OR UAPSYC-S AND PSYCH-UA 34 AND PSYCH-UA 10 OR PSYCH-UA 11 AND Permission from the Instructor.

PSYCH-UA 43 Practicum in Clinical Psychology Research (4 Credits)*Typically offered Fall and Spring*

The course provides instruction in methods and concepts employed in research in the area of clinical psychology. Students learn about these methods and concepts in a hands-on manner by completing a set of research exercises. Methods covered include correlational and experimental designs and observational procedures. Topics include psychotherapy process research, case formulation approaches to psychopathology and therapy, and several theoretical perspectives that are employed in both research and clinical practice. Prerequisites: PSYCH-UA 1 AND PSYCH-UA 10 AND (PSYCH-UA 30 OR PSYCH-UA 51 OR PSYCH-UA 81)

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: (PSYCH-UA 1 OR Advanced Placement Examination Psychology >= 4) AND Prerequisite: (PSYCH-UA 10 OR Advanced Placement Examination Statistics >= 4) AND Prerequisite: (PSYCH-UA 30 OR PSYCH-UA 81 OR PSYCH-UA 51).

PSYCH-UA 44 Lab in Perception (4 Credits)*Typically offered Fall and Spring*

Presents a state-of-the-art introduction to the design and implementation of experiments in perception. By participating in class-designed experiments and by carrying out a research project designed by individual or pairs of students, students learn how to formulate an experimental question, design and conduct an experiment, statistically analyze experimental data using a variety of statistical tests, write up the experiments as research papers, and present a short research talk.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: (PSYCH-UA 10 OR Advanced Placement Examination Psychology >= 4) AND Prerequisite: (PSYCH-UA 22 OR PSYCH-UA 25 OR PSYCH-UA 29).

PSYCH-UA 46 Lab in Cognition and Perception (4 Credits)*Typically offered Fall and Spring*

Students experience current thinking in hypothesis formulation, experimental design, data analysis and research communication. Experiments are performed in the fields of Cognition and Perception and can include visual processing, auditory processing, learning, memory, and decision making. Students complete research projects and gain experience in writing research reports that conform to APA guidelines.

Grading: CAS Graded**Repeatable for additional credit:** No**PSYCH-UA 48 Linguistics as Cognitive Science (4 Credits)***Typically offered Fall and Spring*

Approaches from linguistics, philosophy, and psychology. Topics: the evidence for constructing grammars, the interpretation of grammatical rules as cognitive or neural operations, the significance of neo-behaviorist approaches to language and computational modeling for a cognitive theory of language, the connection between linguistics theory and genetics, and the importance of sociocultural and historical variation for understanding the nature of language.

Grading: CAS Graded**Repeatable for additional credit:** No

Prerequisites: Restriction: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP SCORE GREATER OR EQUAL TO 4 OR IB SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2.

PSYCH-UA 49 Lab in Social Neuroscience (4 Credits)

This course is designed to introduce you to the experimental methods of social neuroscience, primarily through hands-on experience including lab exercises, discussions, and by conducting your own actual experiments. You will gain experience with the tools needed to carry out research and learn valuable analytical thinking skills. We will focus on functional brain-imaging, electrophysiology, and behavioral techniques such as response-time and mousetracking methodologies. Lectures will provide an overview of how social neuroscientists pursue research questions and give you a foundation for carrying out your own research experiment. Lab exercises will complement the lecture material and give you practical experience in preparation for conducting your own experiment during the second half of the course. Throughout the course you will encounter the critical issues pertaining to conducting research and analyzing data, develop critical thinking skills needed to effectively evaluate research, and consider ethical issues related to psychological research. You will also gain valuable experience in communicating the results of your research in written and oral formats at the end of the course.

Grading: CAS Graded**Repeatable for additional credit:** No**Prerequisites:** PSYCH-UA 1.**PSYCH-UA 51 Abnormal Psychology (4 Credits)***Typically offered Fall, Spring, and Summer terms*

The kinds, dynamics, causes, and treatment of psychopathology. Topics include early concepts of abnormal behavior; affective disorders, anxiety disorders, psychosis, and personality disorders; the nature and effectiveness of traditional and modern methods of psychotherapy; and viewpoints of major psychologists past and present.

Grading: CAS Graded**Repeatable for additional credit:** No**Prerequisites:** (PSYCH-UA 30 OR PSYCH-UA 32 OR PSYCH-UA 34).

PSYCH-UA 53 Psychological Science and Society Lab (4 Credits)

This course will prepare students to be informed, critical, and active consumers of empirical psychological research. Students will learn to understand the research process by dissecting published papers and tracing the transition of research findings into popular writings about psychological research. By the end of the course, students will be able to critically examine the status and origin of claims based on psychology research in the popular media ("getting back to the sources" and debunking myths); possess a basic understanding of the societal relevance of several bodies of psychology research; understand how to correctly interpret statistics in the context of research; and possess basic skills of communicating and writing about psychology research aimed at a general audience (e.g. Scientific American, Psychology Today).

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP PSYCHOLOGY SCORE GREATER OR EQUAL TO 4 OR IB HL PSYCHOLOGY SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2 AND 10 OR 11 AND 22 OR 25 OR 29 OR 30 OR 32 OR 34 OR 35.

PSYCH-UA 56 Psycholinguistics (4 Credits)

Typically offered Spring

Examines theories and research concerning the cognitive processes and linguistic representations that enable language comprehension and production. Topics include speech perception, visual processes during reading, word recognition, syntactic processing, and semantic/discourse processing.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP PSYCHOLOGY SCORE GREATER OR EQUAL TO 4 OR IB HL PSYCHOLOGY SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2 AND PSYCH-UA 22 OR 25 OR 27 OR 29 OR 34 OR LING-UA 1 OR 3 OR 4 OR 5 OR 11 OR 27.

PSYCH-UA 59 First Language Acquisition (4 Credits)

Linguistic development from birth to early school age, examining monolingual, bilingual, and atypical (e.g., autistic, Specific Language Impairment) populations. Focuses first on development in the individual linguistic domains of phonology, vocabulary, morphology, syntax, semantics, and pragmatics and then examines deeper theoretical and experimental approaches to language acquisition, with a focus on primary literature and active debates in the field.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: Restriction: PSYCH-UA 1 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR AP SCORE GREATER OR EQUAL TO 4 OR IB SCORE GREATER OR EQUAL TO 6 OR APSY-UE 2.

PSYCH-UA 60 Illusions to Inference (4 Credits)

Human perception easily falls prey to illusions and biases. It is tempting to think of these as failures of our brain, but they might not be. In fact, many illusions are likely byproducts of smart solutions that the brain applies when having to interpret imperfect and incomplete sensory input. We will study a wide variety of well-known and lesser-known illusions (visual, auditory, tactile, vestibular, and multisensory) to develop the central concept of probabilistic inference, the notion that the brain constantly forms hypotheses about the world and tries to figure out which of them is most probable given the sensory input. We will make connections to other applications of probabilistic inference, including medical diagnosis, crime scene investigation, election forecasting, and data science.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: (PSYCH-UA 1 OR APSY-UE 2 OR Advanced Placement Examination Psychology >= 4 OR IB HL Psychology Score >= 6 OR UAPSYCBA OR UAPSYC-S OR UAPSYC-M).

PSYCH-UA 62 Industrial Organizat'L Psychology (4 Credits)

Typically offered Fall and Spring

Personal, social, and environmental factors related to people's attitudes and performance in industry and other organizations. Topics include personnel selection and evaluation, training and development, attitudes and motivation, leadership, group dynamics, organizational structure and climate, and job design and working conditions.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 74 Motivation and Volition (4 Credits)

Typically offered occasionally

The course provides an overview of the major theories and findings in research on motivation and volition. More specifically, we will address the history of research on motivation and volition, classic phenomena of being motivated versus lacking motivation and willpower, the psychology of goals (goal setting, goal implementation, effortful goal pursuits, disengagement, content and structure of goals, the mental representation of goals), disorders of self-regulation, and cognitive-neuropsychological research as well as the perspective of economics on motivation and volition. We will focus on understanding the interrelations and contradictions between the different approaches, and on designing research that promotes these different lines of thinking.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: PSYCH-UA 29 AND PSYCH-UA 32.

PSYCH-UA 75 Political Psychology (4 Credits)

This course provides a comprehensive survey of the study of political psychology, which is a dynamic sub-discipline at the intersection of psychology and political science. (A special emphasis is placed on perspectives derived from social and personality psychology). After reviewing the historical development of political psychology and discussing the role of values in social science, we will cover a series of substantive topics, including authoritarianism and mass politics; personality and political leadership; mass media and candidate perception; left-right (or liberal-conservative) ideology; public opinion and voting; individual and group decision-making; leadership and persuasion; social identification and social dominance; racial and ethnic prejudice; intergroup relations; causes and effects of terrorism; protest, collective action, and revolution.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: UAPSYCBA OR UAPSYC-S OR UAPSYC-M OR PSYCH-UA 1 OR AP score of 4 or greater AND PSYCH-UA 32.

PSYCH-UA 79 Experiments in Beauty (4 Credits)

Learn science by doing it. The relative paucity of research on beauty offers the opportunity for undergraduates to do original research. Readings introduce the major ideas in understanding the experience of beauty, including psychology, philosophy, and literature. Each student, individually or with a collaborator or two, will come up with their own question about beauty, broadly defined. Over the course of the semester, with help from the instructor and classmates, they will address this question by doing an experiment, and give an oral and written scientific report at the end of the semester. Following a schedule, students will share parts of their report throughout the semester. We will make field trips to museums, galleries, and other sites in NYC that afford experiences of beauty that illustrate issues from the readings.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 81 Clinical Psychology (4 Credits)

This course provides students with a broad overview of the field of clinical psychology. Topics covered include the assessment and treatment of psychological disorders. Regarding treatment, most attention is devoted to psychotherapy, but early intervention, psychopharmacology, and behavioral medicine also receive some consideration. Topics are addressed in a manner that includes considerations about theory, research, and practice; the use of illustrative clinical examples; and discussion of current controversies. Cultural and ethical issues are also discussed.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: (PSYCH-UA 1 or AP PSYCHOLOGY SCORE GREATER OR EQUAL TO 4 or IB HL PSYCHOLOGY SCORE GREATER OR EQUAL TO 6 or APSY-UE 2 or UAPSYCBA or UAPSYC-S or UAPSYC-M) AND PSYCH-UA 51.

PSYCH-UA 200 Honors Seminar (4 Credits)

Typically offered Fall

Prerequisite: admission to the psychology honors program. Offered in the fall. 4 points. Students read and discuss recent studies and classical papers related to current controversies in psychology. A portion of class time is set aside for discussion of theoretical and technical aspects of each student's thesis project.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 201 Honors Seminar II (4 Credits)

Typically offered Spring

A continuation of V89.0200. Students are also expected to present preliminary results of their thesis projects and interpret their findings.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 300 Spec Topics Psych: (4 Credits)

Typically offered Fall, Spring, and Summer terms

Seminars of an advanced level. Topics vary each time offered.

Grading: CAS Graded

Repeatable for additional credit: Yes

PSYCH-UA 992 Tutorial in Infancy Research (1-4 Credits)

Typically offered Fall and Spring

Students learn general methods for studying infant development and specific methods for examining infants' perceptual-motor development. Students design and conduct laboratory research projects, code and analyze data, and prepare results for presentation and publication (grant proposals, conference submissions, journal submissions).

Grading: CAS Graded

Repeatable for additional credit: Yes

Prerequisites: (PSYCH-UA 34 OR PSYCH-UA 42).

PSYCH-UA 993 Supervised Reading (1-4 Credits)

Typically offered Fall, Spring, and Summer terms

Independent study, which may include research, readings, and written work. Supervised by a faculty member. May be used for internship or other practical training (academic work is required to earn credits; average of two hours a week at internship per point). Approved internships being completed for 3.0 or 4.0 credits qualify as an Advanced Elective in the Psychology Major. May be repeated up to three times for a total of 8 credits. However, CAS students may take no more than 12 points of independent study and/or internship, and no more than 8 points may be taken in any one department.

Grading: CAS Graded

Repeatable for additional credit: Yes

PSYCH-UA 996 Research Experience In Psychology (2 Credits)

Typically offered all terms

The goal of the course is to immerse students in research experience. This will be accomplished by working in a research lab in the psychology department under the direct supervision of a faculty mentor. Students will assist in the research carried out in an approved lab. Research experience is critical to prepare students for applying to graduate school. A host of important skills can be best learned through hands-on application, including data management, analysis, and visualization, statistics, computer programming, and grant and paper writing. The course does not count towards the Psychology Major. May be repeated twice (taken three times in total) for a maximum of 6 points. CAS students may take no more than 12 points of independent study and/or internship, and no more than 8 points may be taken in any one department.

Grading: CAS Graded

Repeatable for additional credit: Yes

Prerequisites: PSYCH-UA 10 AND **Restriction:** (Academic Level = Junior OR Senior OR Academic Program = UA-Coll of Arts & Sci-Cert OR UA-Coll of Arts & Sci - Nodeg OR UA-Coll of Arts & Sci OR Academic Plan = Psychology-MA OR Psychology-BA).

PSYCH-UA 9001 Intro to Psychology (4 Credits)

Fundamental principles of psychology, with emphasis on basic research and applications in psychology's major theoretical areas of study: thought, memory, learning, perception, personality, social processes, development, and the physiological bases of psychology. Direct observation of methods of investigation by laboratory demonstrations and by student participation in current research projects.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 9022 Perception (4 Credits)

How do we construct a conception of physical reality based on sensory experience? In this course, we will survey basic facts, theories, and methods in the study of sensation and perception. The major emphasis is on vision and audition, however other modalities will also be covered. Representative topics include receptor function and physiology; color; motion; depth; psychophysics of detection, discrimination, and appearance; perceptual constancies; adaptation, pattern recognition, and the interaction of knowledge and perception.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: (PSYCH-UA 1 OR PSYCH-UH 1001 OR PSYC-SHU 101 OR APSY-UE 2 OR APSY-UE 10 OR PSYC1-UC 6801 OR Advanced Placement Examination Psychology >= 4 OR International Baccalaureate Psychology HL >= 6).

PSYCH-UA 9025 Cognitive Neuroscience (4 Credits)

Provides students with a broad understanding of the foundations of Cognitive Neuroscience including dominant theories of the neural underpinnings of a variety of cognitive processes and the research that has led to those theories. In doing so, students also learn about the goals of cognitive neuroscience research and the methods that are being employed to reach these goals.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: (PSYCH-UA 1 OR PSYCH-UH 1001 OR APSY-UE 2 OR APSY-UE 10 OR PSYC1-UC 6801 OR PSYC-SHU 101 OR PSYCH-UH 1001 OR Advanced Placement Examination Psychology > 4 OR International Baccalaureate Psychology HL >= 6).

PSYCH-UA 9029 Cognition (4 Credits)

This course is a survey of cognitive psychology, the scientific study of the human mind and human thinking. During the course of the semester we will discuss many different aspects of cognition: perception, attention, memory, language, concepts, reasoning, problem solving, expertise, creativity, and decision making. The emphasis in the course will be on how psychologists have used experiments to help construct theories of how the human mind works and how human thinking occurs. The class will involve lectures, student presentations, discussion, video material to accompany lectures, and occasional example class experiments. The course also has a practical component, for which students work in small groups and document or replicate an empirical study, which they write up in a research proposal and produce as a video.

Grading: CAS Graded

Repeatable for additional credit: No

PSYCH-UA 9030 Personality (4 Credits)

This course introduces and examines the core topics of research in Personality and Individual Differences. How and why do individuals differ? What are the methods used to study individual differences? What is personality? What factors influence personality? How stable is personality? Can personality be used to predict real-world outcomes, like mental health, work performance, educational achievement, and romantic relationships? The format of the course will be lectures, presentations and class discussions.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: (PSYCH-UA 1 OR PSYCH-UH 1001 OR APSY-UE 2 OR APSY-UE 10 OR Advanced Placement Examination Psychology >= 4).

PSYCH-UA 9032 Social Psychology (4 Credits)

The themes, methods and ideas of social psychology will be introduced in this course. We will look at how individuals understand themselves and other people, the relationship between behaviour, self and the social situation, and the forces that govern interactions between individuals and groups. We will pay particular attention to the emerging field of social cognitive neuroscience, and moves to understand social phenomena with the tools of cognitive and perceptual psychology.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: (PSYCH-UA 1 OR PSYCH-UH 1001 OR PSYC-SHU 101 OR APSY-UE 2 OR APSY-UE 10 OR PSYC1-UC 6801 OR Advanced Placement Examination Psychology >= 4 OR International Baccalaureate Psychology HL >= 6).

PSYCH-UA 9034 Developmental Psychology (4 Credits)

Introduction and overview of theoretical issues and selected research in developmental psychology. Focus on infancy through adolescence. Lectures interweave theory, methods, and findings about how we develop as perceiving, thinking, and feeling beings.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: (PSYCH-UA 1 OR PSYCH-UH 1001 OR PSYC-SHU 101 OR APSY-UE 2 OR APSY-UE 10 OR PSYC1-UC 6801 OR Advanced Placement Examination Psychology >= 4 OR International Baccalaureate Psychology HL >= 6).

PSYCH-UA 9039 Lab in Personality and Social Psychology (4 Credits)

Typically offered Fall

Methodology and procedures of personality and social psychological research and exercises in data analysis and research design. Statistical concepts such as reliability and validity, methods of constructing personality measures, merits and limitations of correlational and experimental research designs, and empirical evaluation of theories. Student teams conduct research projects.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: (PSYCH-UA 10 or PSYCH-UA 11) and (PSYCH-UA 30 or PSYCH-UA 32 or PSYCH-UA 51 or PSYCH-UA 62 or equivalent courses).

PSYCH-UA 9051 Abnormal Psychology (4 Credits)

The kinds, dynamics, causes, and treatment of psychopathology.

Topics include early concepts of abnormal behavior; affective disorders, anxiety disorders, psychosis, and personality disorders; the nature and effectiveness of traditional and modern methods of psychotherapy; and viewpoints of major psychologists past and present.

Grading: CAS Graded

Repeatable for additional credit: No

Prerequisites: (PSYCH-UA 30 OR PSYCH-UA 9030 OR PSYCH-UA 32 OR PSYCH-UA 9032 OR PSYCH-UA 34 OR PSYCH-UA 9034 OR APSY-UE 10).