

# Psychology (PSYCH)

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## Courses

### PSYCH 1 General Psychology 3 Units

Introduction to the principal areas, problems, and concepts of psychology. This course is required for the major; students not considering a psychology major are directed to 2.

#### Rules & Requirements

**Credit Restrictions:** Students will not receive credit for 1 after taking 2.

#### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

#### Summer:

6 weeks - 5 hours of lecture and 2.5 hours of discussion per week  
8 weeks - 4 hours of lecture and 2 hours of discussion per week

#### Additional Details

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

### PSYCH N1 General Psychology 3 Units

Introduction to the principal areas, problems, and concepts of psychology. This course is required for the major; students not considering a psychology major are directed to 2.

#### Rules & Requirements

**Credit Restrictions:** Students will receive no credit for Psychology N1 after completing Psychology 1 or 2. A deficient grade in Psychology 1 maybe removed by taking Psychology N1.

#### Hours & Format

**Summer:** 6 weeks - 7.5 hours of lecture per week

#### Additional Details

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

### PSYCH W1 General Psychology 3 Units

Introduction to the principal areas, problems, and concepts of psychology.

#### Rules & Requirements

**Credit Restrictions:** Students will not receive credit for Psychology W1 after taking Psychology 1, Psychology N1, or Psychology 2.

#### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of web-based lecture per week

**Summer:** 8 weeks - 6 hours of web-based lecture per week

**Online:** This is an online course.

#### Additional Details

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Kihlstrom

**Formerly known as:** N1

### PSYCH 2 Principles of Psychology 3 Units

An overview of psychology for students who will not major in the field. This course satisfies the prerequisite for upper division decade courses.

#### Rules & Requirements

**Credit Restrictions:** Students will not receive credit for 2 after taking 1.

#### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

#### Additional Details

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

### PSYCH 3 Introduction to How the Brain Works 1 Unit

This course will give a rigorous yet accessible overview of our current understanding of how the brain works and how it is altered by experience. Specifically, the class provides: an introduction to the structure and function of the sensory and motor systems; discussions of disorders and phenomena such as blindsight, synaesthesia, color blindness, and phantom limbs; and a lecture with presentation of classical experiments on the capacity of the young and adult brain for plasticity and learning.

#### Rules & Requirements

**Prerequisites:** A year of college-level general biology for majors

#### Hours & Format

**Fall and/or spring:** 15 weeks - 1 hour of lecture per week

**Summer:** 6 weeks - 3 hours of lecture per week

#### Additional Details

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 6 Stress and Coping 2 Units**

This course is designed to provide students with an in-depth analysis of the various areas within the field of psychology that address topics related to stress and coping. In particular, we will cover the biological, social, personality, cognitive, and clinical factors that play a role in the development of stress and subsequent coping techniques that can be used to deal with stress. The class will have a strong focus on the empirical findings relating to the subject.

**Rules & Requirements**

**Prerequisites:** Psychology 1, N1, W1, 2, or equivalent

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture per week

**Summer:** 6 weeks - 5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 7 The Person in Big Data 2 Units**

This course will introduce students to the basic principles and methods of personality and social psychology as applied to a rapidly growing topic of modern society--the collection and analysis of online social "big data." Students will learn about the ways in which big data has historically been defined, collected, and utilized, as well as fundamental concepts in person perception and social behavior that are relevant to topics of big data collection, analysis, and interpretation.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture per week

**Summer:** 6 weeks - 5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 8 Music and the Brain 2 Units**

This course will explore mental processes that allow listeners to perceive music and performers to produce it. We will compare music from various traditions to examine shared cognitive principles and emotional responses; comparisons to language will highlight neural specializations for music. Developmental psychology will inform discussion of learned vs. innate components of musical behavior. Students will design experiments to test hypotheses relating to music cognition.

**Rules & Requirements**

**Prerequisites:** Psychology 1, N1, W1, 2, or equivalent

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture per week

**Summer:** 6 weeks - 5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 10 Research and Data Analysis in Psychology 4 Units**

The class covers research design, statistical reasoning, and statistical methods appropriate for psychological research. Topics covered in research design include the scientific method, experimental versus correlational designs, controls and placebos, within and between subject designs and temporal or sequence effects. Topics covered in statistics include descriptive versus inferential statistics, linear regression and correlation and univariate statistical tests: t-test, one way and two-way ANOVA, chi-square test. The class also introduces non-parametric tests and modeling. Prospective Psychology majors need to take this course to be admitted to the major.

**Rules & Requirements**

**Prerequisites:** Completion of the general psychology prerequisite (1, N1, or W1) and one of the following quantitative prerequisites: MATH 10A (<http://guide.berkeley.edu/search/?P=MATH%2010A>)-B, Statistics 2, or consent of instructor

**Credit Restrictions:** Students will not receive credit for Psych 10 after having completed Psych 101.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of discussion per week

**Summer:** 8 weeks - 6 hours of lecture and 4 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 14 Psychology of Gender 3 Units**

Examination of various factors in the development of feminine and masculine roles, including personality, social processes, biology, and culture.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH C19 Drugs and the Brain 3 Units**

The history, chemical nature, botanical origins, and effects on the human brain and behavior of drugs such as stimulants, depressants, psychedelics, analgesics, antidepressants, antipsychotics, steroids, and other psychoactive substances of both natural and synthetic origin. The necessary biological, chemical, and psychological background material for understanding the content of this course will be contained within the course itself.

**Rules & Requirements**

**Credit Restrictions:** Students will receive no credit for C62 after taking 62, C100A/Chemistry C130, 102, 104, 110, 130A, 136, C160/Neuroscience C160, <BR/>Integrative Biology 132, Letters and Science C30T, or Psychology C19 . <BR/>

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

**Summer:** 8 weeks - 4.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Presti

**Also listed as:** L & S C30T/MCELLBI C62

**PSYCH 24 Freshman Seminars 1 Unit**

The Berkeley Seminar Program has been designed to provide new students with the opportunity to explore an intellectual topic with a faculty member in a small-seminar setting. Berkeley Seminars are offered in all campus departments, and topics vary from department to department and semester to semester.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1 hour of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** The grading option will be decided by the instructor when the class is offered. Final exam required.

**PSYCH 39E Freshman/Sophomore Seminar 2 - 4 Units**

Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in all campus departments; topics vary from department to department and from semester to semester.

**Rules & Requirements**

**Prerequisites:** Priority given to freshmen and sophomores

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2-4 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** The grading option will be decided by the instructor when the class is offered. Final exam required.

**PSYCH 39I Freshman/Sophomore Seminar 2 - 4 Units**

Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in all campus departments; topics vary from department to department and from semester to semester.

**Rules & Requirements**

**Prerequisites:** Priority given to freshmen and sophomores

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2-4 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** The grading option will be decided by the instructor when the class is offered. Final exam required.

**PSYCH 39J Freshman/Sophomore Seminar 2 - 4 Units**

Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in all campus departments; topics vary from department to department and from semester to semester.

**Rules & Requirements**

**Prerequisites:** Priority given to freshmen and sophomores

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2-4 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** The grading option will be decided by the instructor when the class is offered. Final exam required.

**PSYCH 39K Freshman/Sophomore Seminar 2 - 4 Units**

Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in all campus departments; topics vary from department to department and from semester to semester.

**Rules & Requirements**

**Prerequisites:** Priority given to freshmen and sophomores

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2-4 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** The grading option will be decided by the instructor when the class is offered. Final exam required.

**PSYCH 39L Freshman/Sophomore Seminar 2 - 4 Units**

Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in all campus departments; topics vary from department to department and from semester to semester.

**Rules & Requirements**

**Prerequisites:** Priority given to freshmen and sophomores

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2-4 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** The grading option will be decided by the instructor when the class is offered. Final exam required.

**PSYCH 39M Freshman/Sophomore Seminar 2 - 4 Units**

Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in all campus departments; topics vary from department to department and from semester to semester.

**Rules & Requirements**

**Prerequisites:** Priority given to freshmen and sophomores

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2-4 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** The grading option will be decided by the instructor when the class is offered. Final exam required.

**PSYCH 48 Brain Development and Aging 1 Unit**

This is an introductory survey course on brain and cognitive development. It gives an overview of brain structure and function and how it changes throughout life. Topics include: effect of pre-natal maternal and paternal behavior in brain development; critical periods; experience-dependent changes in the brain; the adolescent brain; and the aging brain. We will also discuss developmental disorders such as Down syndrome and the putative benefits of exercise and diet to brain health.

**Rules & Requirements**

**Prerequisites:** One year of college level biology

**Credit Restrictions:** Students will receive no credit for Psychology 48 after taking Psychology 125.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1 hour of lecture per week

**Summer:** 6 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH C61 Brain, Mind, and Behavior 3 Units**

Introduction to human brain mechanisms of sensation, movement, perception, thinking, learning, memory, and emotion in terms of anatomy, physiology, and chemistry of the nervous system in health and disease. Intended for students in the humanities and social sciences and others not majoring in the biological sciences.

**Rules & Requirements**

**Credit Restrictions:** Students will receive no credit for Molecular and Cell Biology C61 after completing Molecular and Cell Biology 61, N61, W61, Psychology C61, Molecular and Cell Biology 104, C100A/Chemistry C130, Molecular and Cell Biology 110, 130A, 136, 160, C160/Neuroscience C160 or Integrative Biology 132. A deficient grade in Molecular and Cell Biology 61, N61, W61, or Psychology C61 may be removed by taking Molecular and Cell Biology C61/Psychology C61.<BR/>

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Presti

**Also listed as:** MCELLBI C61

**PSYCH C64 Exploring the Brain: Introduction to Neuroscience 3 Units**

This course will introduce lower division undergraduates to the fundamentals of neuroscience. The first part of the course covers basic membrane properties, synapses, action potentials, chemical and electrical synaptic interactions, receptor potentials, and receptor proteins. The second part of the course covers networks in invertebrates, memory and learning behavior, modulation, vertebrate brain and spinal cord, retina, visual cortex architecture, hierarchy, development, and higher cortical centers.

**Rules & Requirements**

**Prerequisites:** High school chemistry or Chemistry 1A; high school biology or BIOLOGY 1A (<http://guide.berkeley.edu/search/?P=BIOLOGY%201A>). BIOLOGY 1AL (<http://guide.berkeley.edu/search/?P=BIOLOGY%201AL>) is not required

**Credit Restrictions:** Students will receive no credit for Molecular and Cell Biology/Psychology C64 after taking Molecular and Cell Biology C61/Letters and Science C30W, 104, 100A/Chemistry C130, Molecular and Cell Biology 110, 130A, 136, 160, C160/Neuroscience C160, or Integrative Biology 132. Students may remove a deficient grade in Molecular and Cell Biology C64/Psychology C64 after Molecular and Cell Biology 64.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 8 weeks - 4 hours of lecture and 2 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Caporale

**Also listed as:** MCELLBI C64

PSYCH 98 Supervised Group Study 1 - 3 Units  
Group study of selected topics. Enrollment restricted. See Introduction to Courses and Curriculum section of this catalog.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-3 hours of directed group study per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

**PSYCH 99 Supervised Independent Study and Research 1 - 3 Units**  
Intended for freshmen and sophomores who wish to undertake a program of individual inquiry on a topic in psychology.

**Rules & Requirements**

**Prerequisites:** 1 or consent of instructor and 3.4 GPA or higher

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Summer:**

6 weeks - 2.5-7.5 hours of independent study per week

8 weeks - 2-6 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

**PSYCH 101 Research and Data Analysis in Psychology 4 Units**  
The course will concentrate on hypothesis formulation and testing, tests of significance, analysis of variance (one-way analysis), simple correlation, simple regression, and nonparametric statistics such as chi-square and Mann-Whitney U tests. Majors intending to be in the honors program must complete 101 by the end of their junior year.

**Rules & Requirements**

**Prerequisites:** 1 and completion of the quantitative prerequisites for the major

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3-5 hours of lecture and 0-2 hours of discussion per week

**Summer:** 8 weeks - 6-10 hours of lecture and 0-4 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 102 Methods for Research in Psychological Sciences 3 Units**  
Lecture and computer lab course on advanced data analysis techniques used by researchers in psychology. The course will cover programming techniques in R and data analysis methods that include modeling, multivariate statistics, and data reduction and visualization techniques. The following topics will be covered: generalized linear model (includes logistic regression), discriminant analysis (includes multivariate ANOVA), principal component analysis, and factor analysis.

**Rules & Requirements**

**Prerequisites:** 101

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 2 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Theunissen

**PSYCH 106 Psychology of Dreams 3 Units**  
Dreaming is a necessary, universal nightly activity of the human mind and brain. This class will cover some of the major psychological theories, interpretations, and uses that have been made of dreams. Students will be encouraged to keep dream diaries to provide an experiential component to the class and so that they may apply the class topics and do research using the material they generate themselves.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 107 Buddhist Psychology 3 Units**  
Based on tradition of direct observation of working of ordinary mind in everyday life situations. Provides contrasting perspective to present theories of cognition, perception, motivation, emotion, social interaction, and neurosis.

**Rules & Requirements**

**Credit Restrictions:** Students will not receive credit for Psych 107 after having completed Psych N107.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N107 Buddhist Psychology 3 Units**

Based on tradition of direct observation of working of ordinary mind in everyday life situations. Provides contrasting perspective to present theories of cognition, perception, motivation, emotion, social interaction, and neurosis.

**Rules & Requirements**

**Prerequisites:** Psychology 1, Psychology 2, or equivalent

**Credit Restrictions:** Students will not receive credit for Psych N107 after having completed Psych 107.

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N108 Clinical Applications of East Asian Meditation Practices 3 Units**

This course applies views and practices of Buddhist, Taoist, and Confucian schools of meditation. The emphasis in the course will be on practical and clinical applications of meditation such as working with emotions and the quest for psychological well-being. The basic laboratory technique will be various types of meditation.

**Rules & Requirements**

**Prerequisites:** Psychology 1, N1, W1, 2, or equivalent

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 109 History of Psychology 3 Units**

Development of scientific study of human and animal behavior. Consideration of history of particular subject areas--such as biological, comparative, developmental, personality, and social psychology--as well as general trends.

**Rules & Requirements**

**Prerequisites:** 101 or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 110 Introduction to Biological Psychology 3 Units**

Survey of relations between behavioral and biological processes. Topics include sensory and perceptual processes, neural maturation, natural bases of motivation, and learning.

**Rules & Requirements**

**Prerequisites:** 1 and biological prerequisites for the major or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:**

6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

8 weeks - 4 hours of lecture and 2 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N110 Introduction to Biological Psychology 3 Units**

Survey of relations between behavioral and biological processes. Topics include sensory and perceptual processes, neural maturation, natural bases of motivation, and learning.

**Rules & Requirements**

**Prerequisites:** 1 and biological prerequisites for the major or consent of instructor

**Credit Restrictions:** Students will receive no credit for Psychology N110 after completing Psychology 110. A deficient grade in Psychology 110 may be removed by taking Psychology N110.

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.



**PSYCH C113 Biological Clocks: Physiology and Behavior 3 Units**

A consideration of the biological clocks that generate daily, lunar, seasonal and annual rhythms in various animals including people. Emphasis on neuroendocrine substrates, development and adaptive significance of estrous cycles, feeding rhythms, sleep-wakefulness cycles, reproductive and hibernation cycles, body weight and migratory cycles.

**Rules & Requirements**

**Prerequisites:** Completion of biological prerequisites for the major and one of the following: 110 or a course in animal organismal physiology (Integrative Biology 132, 138, 140, 148, or Molecular and Cell Biology 160)

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Kriegsfeld

**Also listed as:** INTEGBI C143A

**PSYCH 114 Biology of Learning and Neural Plasticity 3 Units**

A study of theoretical and experimental investigations of the biological substrates of learning, memory and forms of neural plasticity related to the growth and maturation of the nervous system.

**Rules & Requirements**

**Prerequisites:** 110 or consent of the instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH C116 Hormones and Behavior 3 Units**

This course provides a comprehensive overview of behavioral endocrinology beginning with hormone production and actions on target issues and continuing with an exploration of a variety of behaviors and their hormonal regulation/consequences. The course uses a comparative approach to examine the reciprocal interactions between the neuroendocrine system and behavior, considering the effects of hormone on development and adult behavior in addition to how behavior regulates endocrine physiology. While much of the course focuses on non-human vertebrate species, the relevance to humans is explored where appropriate. Topics include sexual differentiation and sex differences in behavior, reproductive, parental, and aggressive behaviors, and hormonal and behavioral homeostatic regulation.

**Rules & Requirements**

**Prerequisites:** Completion of biological prerequisites for the major and consent of instructor; a course in mammalian physiology recommended

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Kriegsfeld

**Also listed as:** INTEGBI C143B

**PSYCH 117 Human Neuropsychology 3 Units**

A survey of contemporary psychological approaches to problems of human disabilities including mental disorders, behavior changes following human brain injury and disease, and mental subnormality. Emphasis on nervous system models of these problems and areas of potential application of basic research development.

**Rules & Requirements**

**Prerequisites:** 110

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.



**PSYCH 118 Topical Seminar in Biological Psychology 3 Units**

For a precise schedule of courses, check with the Student Services Office each semester.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit with different topic and consent of instructor. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**PSYCH C120 Basic Issues in Cognition 3 Units**

Theoretical foundations and current controversies in cognitive science will be discussed. Basic issues in cognition--including perception, imagery, memory, categorization, thinking, judgment, and development--will be considered from the perspectives of philosophy, psychology, computer science, and physiology. Particular emphasis will be placed on the nature, implications, and limitations of the computational model of mind.

**Rules & Requirements**

**Credit Restrictions:** Students will receive no credit for C120 after taking 120A.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:**

6 weeks - 5 hours of lecture and 2.5 hours of discussion per week  
8 weeks - 3.5 hours of lecture and 2 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Also listed as:** COG SCI C100

**PSYCH 121 Animal Cognition 3 Units**

This course focuses on how animals process, organize, and retain information. Specific topics include learning and memory, sensory processes, navigation and migration, communication, and cross-species comparisons of behavior. Material will be drawn from the ethological, behavioral/experimental, and, to a lesser extent, the neurosciences literature.

**Rules & Requirements**

**Prerequisites:** 115B or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 122 Introduction to Human Learning and Memory 3 Units**

Theoretical and experimental analysis of human learning and memory; short-term and long-term memory; coding and retrieval processes; transfer and interference; mechanisms of forgetting.

**Rules & Requirements**

**Prerequisites:** Psychology 101 is recommended

**Credit Restrictions:** Students will receive no credit for Psychology 122 after having completed Psychology N122. A deficient grade in Psychology N122 may be removed by taking Psychology 122.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N122 Introduction to Human Learning and Memory 3 Units**

Theoretical and experimental analysis of human learning and memory; short-term and long-term memory; coding and retrieval processes; transfer and interference; mechanisms of forgetting.

**Rules & Requirements**

**Prerequisites:** Psychology 101 is recommended

**Credit Restrictions:** Students will receive no credit for Psychology N122 after having completed Psychology 122. A deficient grade in Psychology 122 may be removed by taking Psychology N122.

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 125 The Developing Brain 3 Units**

What are the changes in brain structure and function that underlie improvements in cognitive abilities over childhood and adolescence? Or, coming from a different perspective, what insights can we gain regarding the neural basis of cognition by examining how the brain develops? And how are such findings relevant for medicine, education, and the law? The cutting-edge new field of developmental cognitive neuroscience is beginning to address these and other questions. This course will constitute an overview of current research and methods in this field, focusing on both typically and atypically developing children and adolescents.

**Rules & Requirements**

**Credit Restrictions:** Students will receive no credit for 125 after taking 192 Fall 2007.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH C126 Perception 3 Units**

An introduction to principal theoretical constructs and experimental procedures in visual and auditory perception. Topics will include psychophysics; perception of color, space, shape, and motion; pattern recognition and perceptual attention.

**Rules & Requirements**

**Prerequisites:** Consent of instructor. 101 recommended

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Also listed as:** COG SCI C126

**PSYCH C127 Cognitive Neuroscience 3 Units**

This course will examine research investigating the neurological basis of cognition. Material covered will include the study of brain-injured patients, neurophysiological research in animals, and the study of normal cognitive processes in humans with non-invasive behavioral and physiological techniques such as functional Magnetic Resonance Imaging (fMRI), electroencephalography (EEG), and transcranial magnetic stimulation (TMS). Topics to be covered include perception, attention, memory, language, motor control, executive control, and emotion.

**Rules & Requirements**

**Prerequisites:** 110 or 120A or C120B, or Cog Sci C100

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Also listed as:** COG SCI C127

**PSYCH 128 Topical Seminars in Cognitive Psychology 3 Units**

For a precise schedule of offerings check with the Student Services Office each semester.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit with different topic and consent of instructor. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**PSYCH C129 Scientific Approaches to Consciousness 3 Units**

This course will examine the nature of human consciousness from the interdisciplinary perspective of cognitive science. It will cover topics from the philosophy of mind, cognitive linguistics, neuroscience, psychology, and computational models.

**Rules & Requirements**

**Prerequisites:** 1 or Cognitive Science C1; or 120A or C120B or Cognitive Science C100

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Also listed as:** COG SCI C102

**PSYCH 130 Clinical Psychology 3 Units**

Theoretical and empirical approaches to the explanation of psychological dysfunction. The relation between theories of psychopathology and theories of intervention. A critical evaluation of the effects of individual, family, and community approaches to therapeutic and preventive intervention. Thematic focus of the course may change from year to year. See department notices for details.

**Rules & Requirements**

**Prerequisites:** 1

**Credit Restrictions:** Student will not receive credit for Psych 130 after having completed Psych N130.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:**

6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

8 weeks - 4 hours of lecture and 2 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N130 Clinical Psychology 3 Units**

Theoretical and empirical approaches to the explanation of psychological dysfunction. The relation between theories of psychopathology and theories of intervention. A critical evaluation of the effects of individual, family, and community approaches to therapeutic and preventive intervention. Thematic focus of the course may change from year to year. See department notices for details.

**Rules & Requirements**

**Prerequisites:** Psychology 1

**Credit Restrictions:** Students will receive no credit for Psychology N130 after having completed Psychology 130. A deficient grade in Psychology 130 may be removed by taking Psychology N130.

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 131 Developmental Psychopathology 3 Units**

This course will discuss linkages between developmental processes and child psychopathology. Included will be discussion of cognitive impairments in children, including learning disabilities and mental retardation; internalizing disorders, such as anxiety, withdrawal, and depression; externalizing disorders, such as attention-deficit hyperactivity disorder and conduct disorder; and child abuse and neglect. Psychobiological, familial, legal, and societal factors will be emphasized.

**Rules & Requirements**

**Prerequisites:** 130 or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 133 Psychology of Sleep 3 Units**

This course has two primary goals: (1) to provide a basic introduction to the study of sleep and an overview of sleep measurement, regulation, ontogeny, phylogeny, physiology, and psychology; and (2) to provide a basic introduction to sleep disorders including their classification, cause, and treatment.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N133 Psychology of Sleep 3 Units**

This course has two primary goals: (1) to provide a basic introduction to the study of sleep and an overview of sleep measurement, regulation, ontogeny, phylogeny, physiology, and psychology; and (2) to provide a basic introduction to sleep disorders including their classification, cause, and treatment.

**Rules & Requirements**

**Credit Restrictions:** Students will receive no credit for Psychology N133 after having completed Psychology 133. A deficient grade in Psychology 133 may be removed by taking Psychology N133.<BR/>

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 134 Health Psychology 3 Units**

This course will provide students with an introduction to Health Psychology. Students will learn about measurement of psychological, behavioral, and biological constructs; incidence and prevalence of psychological and medical disorders; introductions to endocrinology, immunology, and psychophysiology and how these systems are thought to relate psychology to health; as well as introductions to how science is working to understand psychology and health in the laboratory and across the population.

**Rules & Requirements**

**Prerequisites:** Psychology 1, N1, W1, 2, or Psychology C19/Molecular and Cell Biology C62/Letters and Science C30T

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Fisher

**PSYCH 136 Human Sexuality 3 Units**

Biological, social, and clinical issues in sexuality. Topics include psychology and physiology of sexual response, new developments in contraception, homosexuality and lesbianism, variations in sexual behavior, gender identity and role, definition and treatment of sexual dysfunction. Approved for state psychology licensing requirement.

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 139 Case Studies in Clinical Psychology 3 Units**

This course is for students who are curious about clinical psychology and who seek to explore real world cases and examples of mental health diagnoses. Through the use of clinical cases and first-person accounts, this course will give an overview of the diagnostic criteria mental health providers use to make diagnoses, discuss environmental and genetic causal factors, and explore available treatment options for various mental illnesses.

**Rules & Requirements**

**Prerequisites:** Psychology 130, 131, or equivalent

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 140 Developmental Psychology 3 Units**

This course explores the development of children from birth to adolescence, in a wide range of areas including biological, cognitive, linguistic, social, and personality development. It also covers the effects of genes, experience, and social context on children's development.

**Rules & Requirements**

**Prerequisites:** 1

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N140 Developmental Psychology 3 Units**

This course explores the development of children from birth to adolescence, in a wide range of areas including biological, cognitive, linguistic, social, and personality development. It also covers the effects of genes, experience, and social context on children's development.

**Rules & Requirements**

**Prerequisites:** 1

**Credit Restrictions:** Students will not receive credit for Psych N140 after having completed Psych 140.

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 141 Development During Infancy 3 Units**

Cognitive, perceptual, and social development during the first two years of life with emphasis upon methods of observation and experimentation.

**Rules & Requirements**

**Prerequisites:** 140

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH C143 Language Acquisition 3 Units**

An overview of topics and theories in language acquisition: early development of speech perception and production, word learning, generalizing linguistic structure, and differences between first language acquisition, second language acquisition, and bilingualism. We will also compare different theoretical approaches, and address the classic "nature vs. nurture" question by examining both traditional generativist approaches and more recent usage based models.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Formerly known as:** Linguistics C146/Psychology C143

**Also listed as:** LINGUIS C146

**PSYCH 146 Developmental and Biological Processes in Attachment 3 Units**

This course on attachment theory provides an integrative (evolutionary/genetic/experiential) approach to studying secure vs. insecure parent-child relationships; their precursors in parental rearing patterns; and favorable vs. unfavorable sequelae. Adult life-history narratives indicative of secure vs. insecure adult attachment have been found associated with care-giving of offspring.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 148 Topical Seminars in Developmental Psychology 3 Units**

For a precise schedule of offerings, check with the Student Services Office each semester.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit with different topic and consent of instructor. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**PSYCH 150 Psychology of Personality 3 Units**

A consideration of general and systematic issues in the study of personality and an evaluation of major theories and points of view.

**Rules & Requirements**

**Prerequisites:** 1

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:**

6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

8 weeks - 4 hours of lecture and 2 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N150 Psychology of Personality 3 Units**

A consideration of general and systematic issues in the study of personality and an evaluation of major theories and points of view.

**Rules & Requirements**

**Prerequisites:** 1

**Credit Restrictions:** Students will not receive credit for Psych N150 after having completed Psych 150.

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 156 Human Emotion 3 Units**

This course will examine two different theoretical perspectives on emotion: (1) the differential emotions approach with its strong evolutionary grounding, and (2) the social constructionist approach. Next, the course will investigate empirical research on many facets of emotion including facial expression, physiology, appraisal, and the lexicon of emotion. Finally, we will consider more specific topics including social interaction, culture, gender, personality, and psychopathology.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 160 Social Psychology 3 Units**

Survey of social psychology including interaction processes, small groups, attitudes and attitude change, and social problems.

**Rules & Requirements**

**Prerequisites:** 1

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:**

6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

8 weeks - 4 hours of lecture and 1.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N160 Social Psychology 3 Units**

Survey of social psychology including interaction processes, small groups, attitudes and attitude change, and social problems.

**Rules & Requirements**

**Prerequisites:** 1

**Credit Restrictions:** Students will receive no credit for Psychology N160 after completing Psychology 160. A deficient grade in Psychology 160 may be removed by taking Psychology N160.<BR/><BR/>

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 162 Human Happiness 3 Units**

This course will take an interdisciplinary approach to an understanding of happiness. The first part of the course will be devoted to the different treatments of happiness in the world's philosophical traditions, focusing up close on conceptions of the good life in classical Greek and Judeo-Christian thought, the great traditions in East Asian thought (Taoism, Buddhism, Confucianism), and ideas about happiness that emerged more recently in the age of Enlightenment. With these different perspectives as a framework, the course will then turn to treatments of happiness in the behavioral sciences, evolutionary scholarship, and neuroscience. Special emphasis will be given to understanding how happiness arises in experiences of the moral emotions, including gratitude, compassion, reverence and awe, as well as aesthetic emotions like humor and beauty.

**Rules & Requirements**

**Prerequisites:** 160 or consent of instructor

**Credit Restrictions:** Students will receive no credit for 162 after taking C162, Letters and Science C160V or 160C.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 5.5 hours of lecture and 2.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH C162 Human Happiness 3 Units**

This course will take an interdisciplinary approach to an understanding of happiness. The first part of the course will be devoted to the different treatments of happiness in the world's philosophical traditions, focusing up close on conceptions of the good life in classical Greek and Judeo-Christian thought, the great traditions in East Asian thought (Taoism, Buddhism, Confucianism), and ideas about happiness that emerged more recently in the age of Enlightenment. With these different perspectives as a framework, the course will then turn to treatments of happiness in the behavioral sciences, evolutionary scholarship, and neuroscience. Special emphasis will be given to understanding how happiness arises in experiences of the moral emotions, including gratitude, compassion, reverence and awe, as well as aesthetic emotions like humor and beauty.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Also listed as:** L & S C160V

**PSYCH N162 Human Happiness 3 Units**

This course will take an interdisciplinary approach to an understanding of happiness. We will first review the different treatments of happiness in the world's philosophical traditions: conceptions of the good life in classical Greek and Judeo-Christian thought, the great East Asian philosophies, and ideas about happiness that emerged in the age of Enlightenment. With these different perspectives as a framework, the course will turn to treatments of happiness in the behavioral sciences, evolutionary scholarship, and neuroscience. Special Emphasis will be given to understanding how happiness arises in experiences of the moral emotions, including gratitude, compassion, reverence and awe, and aesthetic emotions like humor and beauty.

**Rules & Requirements**

**Prerequisites:** Psychology 160 or consent of instructor

**Credit Restrictions:** Students will receive no credit for Psychology N162 after taking Psychology 162, or Psychology C162/Letters and Science C160V. A deficient grade in Psychology 162 may be removed by taking Psychology N162.

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 164 Social Cognition 3 Units**

Surveys empirical and theoretical approaches to our understanding of perception, memory, thought, and language concerning ourselves, other people, interpersonal behavior, and the situations in which social interaction takes place. Emphasis is placed on the integration of problems in social, personality, and clinical psychology with the concepts and principles employed in the study of nonsocial cognition.

**Rules & Requirements**

**Prerequisites:** C120 or 150 or 160, or Cog Sci C100

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.



**PSYCH 165 Psychology of Creativity 3 Units**

This is a course on creativity, both at the individual and the group level. We will consider traits of highly creative individuals (vs. less creative individuals) and the ways in which they think. We will also investigate the ways in which influence processes affect individual creativity and will then focus on group creativity, including techniques by which creativity is hindered or stimulated. Finally, we will consider applications from organizations as we consider cultures in which creativity thrives. Throughout the course, discussion will be encouraged and we will also do some experiential exercises. The course will be a combination of lecture, discussion, and experiential learning.

**Rules & Requirements**

**Prerequisites:** 1, sophomore standing

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 166AC Cultural Psychology 3 Units**

The course will review research on culture, race, and ethnicity and will consider the implications of these findings for our understanding of race, culture, and ethnicity in American society. Mounting evidence suggests that psychological processes are culture-specific, theory-driven, and context-dependent. This course will focus on the effects that theories of mind, person, self, and social institutions have on human cognition, motivation, emotion, and social interactions in American society. Students will gain a better appreciation of the ways that cultural traditions and social practices regulate and transform psychological functioning. Simply, the course is about how culture affects psyche and how psyche affects culture.

**Rules & Requirements**

**Prerequisites:** 1; 160 is recommended

**Requirements this course satisfies:** Satisfies the American Cultures requirement

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 7.5 hours of lecture and 0 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 167AC Stigma and Prejudice 3 Units**

Traditionally, research on prejudice and stereotyping has focused on the psychological mechanisms that lead people to be biased against others. Recent research has begun to shed light on the psychological legacy of prejudice and stereotyping for their targets. This course will review the major contributions of each of these literatures, providing students with a broad understanding of both classic and current issues in the field. The course will be divided into three sections: bias (i.e., the perpetrator's perspective), stigma (i.e., the target's perspective), and intergroup relations.

**Rules & Requirements**

**Prerequisites:** 1 or consent of instructor

**Requirements this course satisfies:** Satisfies the American Cultures requirement

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 168 Topical Seminars in Social Psychology 3 Units**

For a precise schedule of offerings check with Student Services Office each semester.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit with different topic and consent of instructor. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**PSYCH 180 Industrial-Organizational Psychology 3 Units**

Primarily for majors. Introduction to the field of industrial psychology, covering fundamental theory and concepts in personnel and social aspects in the field. Concerned with the processes involved in developing and maintaining organizations.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:** 6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH N180 Industrial-Organizational Psychology 3 Units**

Primarily for majors. Introduction to the field of industrial psychology, covering fundamental theory and concepts in personnel and social aspects in the field. Concerned with the processes involved in developing and maintaining organizations.

**Rules & Requirements**

**Credit Restrictions:** Students will receive no credit for Psychology N180 after taking Psychology 180. A deficient grade in Psychology 180 may be removed by taking Psychology N180.<BR/>

**Hours & Format**

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 192 Special Topics in Psychology 3 Units**

Course examines current problems and issues in psychology.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Summer:** 6 weeks - 7.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH 192AC Child Development in Different Cultures 3 Units**

This course explores "culture" as a context for development from both global and American sub-group perspectives, through developmental stages from early childhood to adolescence, across physical, social and cognitive domains. It will examine traditional theories and modern systems theories with respect to individual and social contexts, discuss the experience of sub-groups of American children and conclude with a comprehensive analysis of the development of an individual.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

**Summer:**

6 weeks - 5 hours of lecture and 2.5 hours of discussion per week

8 weeks - 2 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**PSYCH H194A Honors Seminar 2 Units**

In the fall semester the seminar will concentrate on issues of research design, ethics, and data analysis using statistical packages. The spring semester will focus on oral and written presentations of the thesis projects and feedback on thesis drafts.

**Rules & Requirements**

**Prerequisites:** Required of and limited to psychology majors in the honors program. H195A-H195B should be taken concurrently

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**PSYCH H194B Honors Seminar 2 Units**

In the fall semester the seminar will concentrate on issues of research design, ethics, and data analysis using statistical packages. The spring semester will focus on oral and written presentations of the thesis projects and feedback on thesis drafts.

**Rules & Requirements**

**Prerequisites:** Required of and limited to psychology majors in the honors program. H195A-195B should be taken concurrently

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

PSYCH H195A Special Study for Honors Candidates 1 - 3 Units  
Independent study and preparation of an honors thesis under the supervision of a faculty member.

**Rules & Requirements**

**Prerequisites:** Open only to senior psychology majors in the Honors Program

**Repeat rules:** Course may be repeated for a maximum of 6 units. Course may be repeated for a maximum of 6 units.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Summer:** 6 weeks - 7.5 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. This is part one of a year long series course. A provisional grade of IP (in progress) will be applied and later replaced with the final grade after completing part two of the series. Final exam not required.

PSYCH H195B Special Study for Honors Candidates 1 - 3 Units  
Independent study and preparation of an honors thesis under the supervision of a faculty member.

**Rules & Requirements**

**Prerequisites:** Open only to senior psychology majors in the Honors Program

**Repeat rules:** Course may be repeated for a maximum of 6 units. Course may be repeated for a maximum of 6 units.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Summer:** 6 weeks - 7.5 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. This is part two of a year long series course. Upon completion, the final grade will be applied to both parts of the series. Final exam not required.

PSYCH 197 Field Study in Psychology 1 - 3 Units  
Supervised experience relevant to specific aspects of psychology in off-campus settings. Individual and/or group meetings with faculty. Enrollment is restricted by regulations of the Berkeley Division listed elsewhere in this catalog.

**Rules & Requirements**

**Prerequisites:** 1; appropriate upper division work in psychology (to be determined by instructor). Consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of fieldwork per week

**Summer:**

6 weeks - 2.5-7.5 hours of fieldwork per week

8 weeks - 2-5.5 hours of fieldwork per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

PSYCH 198 Directed Group Study 1 - 3 Units  
Group study of a selected topic or topics in psychology. Enrollment is restricted by regulations of the Berkeley Division listed elsewhere in this catalog.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-3 hours of directed group study per week

**Summer:**

6 weeks - 2.5-7.5 hours of directed group study per week

8 weeks - 1.5-5.5 hours of directed group study per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

PSYCH 199 Supervised Independent Study and Research 1 - 3 Units  
Enrollment is restricted by regulations of the Berkeley Division listed elsewhere in this catalog.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Summer:**

6 weeks - 1-5 hours of independent study per week

8 weeks - 1-4 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Psychology/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

PSYCH 205 Data Analysis 3 Units

This course serves both as a refresher for undergraduate statistics and as a preparation for more advanced courses. This course will cover fundamental principles of statistical thinking including probability theory, distributions, modeling, parameter fitting, error estimation, statistical significance and cross-validation. In addition, the course will cover all statistical tests that are part of the generalized mixed effect models: n-way analysis of variance (ANOVA), multiple regression, analysis of covariance, logistic regression, between subjects, within subjects, mixed designs and designs with random factors. Students will also be introduced to statistical programming using the computer language R.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

PSYCH 206 Structural Equation Modeling 3 Units

This course is intended to provide an introduction to the principles and practice of structural equation modeling, including matrix algebra, LISREL notation, measurement models and confirmatory factor analysis (CFA), path models, and structural models. In addition, we will cover multiple ways to handle longitudinal data (e.g., latent growth and simplex models) and advanced topics such as mediation and latent variable interactions. Data analytic examples and assignments will come from psychological research applications. Students will be strongly encouraged to incorporate their own data as well.

**Rules & Requirements**

**Prerequisites:** Psychology 205

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

PSYCH 210A Proseminar: Cognition, Brain, and Behavior 3 Units

A survey of the field of biological psychology. Areas covered are (a) cognitive neuroscience; (b) biological bases of behavior; (c) sensation and perception (d) learning and memory, (e) thought and language.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

PSYCH 210B Proseminar: Cognition, Brain, and Behavior 3 Units

A survey of the field of biological psychology. Areas covered are (a) cognitive neuroscience; (b) biological bases of behavior; (c) sensation and perception (d) learning and memory, (e) thought and language.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 210C Proseminar: Cognition, Brain, and Behavior 3 Units**  
A survey of the field of biological psychology. Areas covered are (a) cognitive neuroscience; (b) biological bases of behavior; (c) sensation and perception (d) learning and memory, (e) thought and language.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 210D Proseminar: Cognition, Brain, and Behavior 3 Units**  
A survey of the field of biological psychology. Areas covered are (a) cognitive neuroscience; (b) biological bases of behavior; (c) sensation and perception (d) learning and memory, (e) thought and language.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 210E Proseminar: Cognition, Brain, and Behavior 3 Units**  
A survey of the field of biological psychology. Areas covered are (a) cognitive neuroscience; (b) biological bases of behavior; (c) sensation and perception (d) learning and memory, (e) thought and language.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**Formerly known as:** 220C

**PSYCH 214 Functional MRI Methods 3 Units**

This course will provide an overview of functional MRI methodology.

Topics to be covered include the basic physics of fMRI, the nature of BOLD fMRI signal, the spatial and temporal resolution of fMRI, issues in experimental design, and statistical techniques used for analyzing fMRI data. The class will review published studies as well as ongoing research projects that address questions regarding brain-behavior relationships. Students will have the opportunity for hands-on experience performing an fMRI experiment and analyzing the data.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 222 Consciousness 3 Units**

Survey of psychological, philosophical, and neuroscientific approaches to consciousness. Introspection. The mind-body problem. Automaticity. Explicit-implicit dissociations in memory, perception, and thought. Implicit emotion and motivation. Sleep and dreams. Anesthesia and coma. Hypnosis. Meditative states. Consciousness in nonhuman animals and computing machines.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**Formerly known as:** 220B

**PSYCH C223 Proseminar: Problem Solving and Understanding 3 Units**  
Students will examine problem solving in children and adults, from a predominantly cognitive science perspective, beginning with an examination of thinking involved in diverse problem types. Students will then analyze the literature concerning cognitive issues that transcend problem types, including representation, "understanding," access and availability of knowledge, access to one's own cognitive processing, categorization, the architecture of knowledge, and the control of cognition.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**Also listed as:** EDUC C229A

**PSYCH 229 Cognition, Brain, and Behavior Colloquium 1 Unit**  
Reports and discussions of original research in the area of cognitive psychology. Not all participants must report in any given semester, but all are expected to attend and to enter into the discussions. Required course for all students in the cognition, brain, and behavior graduate program.

**Rules & Requirements**

**Prerequisites:** Graduate standing or consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1.5 hours of colloquium per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**PSYCH 230 Proseminar: Clinical Psychology 3 Units**  
This course is a review of the history and theory of the field of clinical psychology. The course covers adult and child psychopathology, ethnic minority mental health, culture, and community influences.

**Rules & Requirements**

**Prerequisites:** Required of all 1st-year Clinical Science Program graduate students

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**Formerly known as:** 230A-230B

**PSYCH 231 Clinical Neuroscience 2 Units**  
This course examines how psychology, neuroscience, pharmacology, and medicine come together to understand psychiatric and neurological disorders, and through this understanding, develop and deliver evidence-based treatments. Class format consists of attending patient care clinics, lectures, paper reviews and class discussions.

**Rules & Requirements**

**Prerequisites:** Open only to Clinical Science Program graduate students or with the consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0-3 hours of seminar and 3-0 hours of clinic per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 233A Clinical Assessment: Theory, Application, and Practicum 3 Units**

The clinical interview and principles and methods of intellectual, objective, and projective clinical assessment. Readings, discussion, and supervised experience in clinical assessment. The first semester will focus on adult assessments; the second semester will focus on child/adolescent assessments. Required of all clinical students.

**Rules & Requirements**

**Prerequisites:** First-year status as graduate student in clinical psychology or enrollment in limited training in clinical psychology

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 233B Clinical Assessment: Theory, Application, and Practicum 3 Units**

The clinical interview and principles and methods of intellectual, objective, and projective clinical assessment. Readings, discussion, and supervised experience in clinical assessment. The first semester will focus on adult assessments; the second semester will focus on child/adolescent assessments. Required of all clinical students.

**Rules & Requirements**

**Prerequisites:** First year status as graduate student in clinical psychology or enrollment in limited training in clinical psychology

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 234D Theories of Cognitive Behavior Therapy 3 Units**  
Central features of cognitive behavior therapy; basics of several cognitive-behavioral theories; evidence of efficacy and effectiveness of methods; methods for assessing, conceptualizing and treating patients; theories, methods, and efficacy evidence for several disorders, primarily anxiety and affective disorders.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.



**PSYCH 236 Specialty Clinic 3 Units**

A Specialty Clinic is offered to graduate students in the Clinical Science program. Each course combines didactics and hands-on clinical work. Students in the course work with the instructor to develop the topic of interest by reviewing the empirical literature, defining and developing an intervention/consultation, defining a clinical population, marketing and delivering the intervention/consultation, and evaluating the effectiveness of the intervention/consultation. A number of readings are included in the course, and class discussion is a central part of the course. Written products are also a part of the course, either in the form of a presentation or publication of findings from the clinic. A Specialty Clinic also includes its own Case Conference and supervisors to handle supervision of the clinical cases.

**Rules & Requirements**

**Prerequisites:** Open only to Clinical Science Program graduate students

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of clinic per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 237E Professional Development in Clinical Science 3 Units**

Issues in decisions about providing psychological services to individuals, families, groups and social systems.

**Rules & Requirements**

**Prerequisites:** Limited to second and third year clinical psychology students or consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 237F Intervention: Couples Therapy 1 Unit**

Psychological intervention with couples.

**Rules & Requirements**

**Prerequisites:** Limited to second- and third-year clinical psychology students or consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 237G Intervention: Specialty Clinics 1 or 2 Units**

Psychological intervention with and evaluation of specially designated populations.

**Rules & Requirements**

**Prerequisites:** Limited to second- and third-year clinical psychology students or consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-2 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 237H Intervention: Introduction to Clinical Methods 1 Unit**

This course is an introduction to clinical methods in preparation for the clinical practicum in the Psychology Clinic during the second and third years of the clinical graduate program. Topics covered include clinical policies and procedures, legal and ethical issues, risk management, standards of care, HIPAA, and consultations.

**Rules & Requirements**

**Prerequisites:** Limited to first-year clinical psychology students or consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1 hour of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 239 Clinical Seminar 1 Unit**

Reports and discussions of original research in the area of clinical psychology. Not all participants need report in any given semester, but all are expected to attend and to enter into the discussions. Required course for all students in the clinical graduate program.

**Rules & Requirements**

**Prerequisites:** Graduate standing or consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1.5 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.



**PSYCH 240A Proseminar: Biological, Cognitive, and Language Development 3 Units**

Survey of the biology of the nervous system and behavior; the cellular interactions during development in animals and humans, including neurogenesis, synaptogenesis, cell death and synapse elimination; and the genetic and experiential determinants of neural development. Exploration of the origins and development of knowledge from infancy through childhood; the development of children's concepts across multiple domains including physics, biology, math, and psychology. Survey of facts and theories of language acquisition; focus on what learners acquire and the role of input in the process; review of phonology, syntax, and morphology.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 240B Proseminar: Emotional, Social, and Psychopathological Development 3 Units**

Survey of current research and theory on the origins and maintenance of normal and pathological socioemotional development in infancy. Exploration of biological, psychological, familial, and cultural factors affecting social and emotional development through childhood and adolescence. Focus of the course includes how normal or pathological trajectories are maintained in some children, while others shift into or out of clinically diagnosable disorders.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 249 Developmental Seminar 1 Unit**

Reports and discussions of original research in the area of developmental psychology. Not all participants need report in any given semester, but all are expected to attend and to enter into the discussions. Required course for all students in the developmental graduate program.

**Rules & Requirements**

**Prerequisites:** Graduate standing or consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1.5 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**PSYCH 250A Perspectives in Personality: Overview 3 Units**

Introduces the perspectives and research programs of the personality faculty to graduate students having an interest in their field. Each week, attention is directed to the work of a different faculty member associated with the personality program.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 250B Perspectives in Personality: Trends and Issues 3 Units**

Considers historical trends and current discussions regarding such topics as (1) the concept of disposition; (2) person by environment transactions; (3) observational assessment of persons; (4) personality systematics; (5) personality development and concepts of structure, and (6) formulations of personality system-social system interactions.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 250C Proseminar: Social Cognition 3 Units**

Surveys empirical and theoretical approaches to our understanding of perception, memory, thought, and language concerning ourselves, other people, interpersonal behavior, and the situations in which social interaction takes place. Emphasis is placed on the integration of problems in social, personality, and clinical psychology with the concepts and principles employed in the study of nonsocial cognition.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 250D Principles and Pragmatics of Personality Measurement 3 Units**

Methods of personality measurement and assessment, with particular attention to the qualities, attributes, talents and dispositions considered in the everyday evaluations people make of self and others.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 259 Personality Seminar 1 Unit**

Reports and discussions of original research in the area of personality psychology. Not all participants need report in any given semester, but all are expected to attend and to enter into the discussions. Required course for all students in the personality graduate program.

**Rules & Requirements**

**Prerequisites:** Graduate standing and consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1.5 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**PSYCH 260B Proseminar Course in Social Psychology 3 Units**

Extensive coverage of theoretical and research literature. Topics include history and systems, attitudes and attitude change, interpersonal processes, motivation, social interaction, small groups, and organizational behavior. Required course for all students in the social graduate program.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 269 Social Seminar 1 Unit**

Reports and discussion of original research in the area of social psychology. Not all participants need report in any given semester, but all are expected to attend and to enter into the discussions. Required for all students in the social graduate program.

**Rules & Requirements**

**Prerequisites:** Graduate standing or consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1.5 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**PSYCH 290B Seminars: Biological 2 Units****Rules & Requirements**

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 290E Seminars: Perception 2 Units****Rules & Requirements**

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 290H Seminars: Developmental 2 Units****Rules & Requirements**

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 290I Seminars: Personality 2 Units****Rules & Requirements**

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 290J Seminars: Social 2 Units****Rules & Requirements**

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 290K Seminars: Clinical 2 Units****Rules & Requirements**

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 290P Seminars: Additional Seminars on Special Topics to Be Announced 2 Units****Rules & Requirements**

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 290Q Seminars: Cognition 2 Units****Rules & Requirements**

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 290Z Seminars 1 - 3 Units**

Special section.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

**PSYCH 292 Introduction to the Profession of Psychology 2 Units**

This course provides both a broad review of the field of psychology and an introduction to the faculty of this department. Faculty from various program areas will present biographical information and discuss their particular research programs, as well as summarizing current developments in their areas. The course will also cover topics in professional development (e.g., scientific writing, convention presentations, journal review processes, professional and scientific ethics, and special issues facing women and minority psychologists). Required of all first-year students in the graduate program.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**Formerly known as:** 292A

**PSYCH 293 Second-Year Seminar on Professional Development 2 Units**

This course will focus on various issues related to professional development. Topics may include planning a research program, preparing for qualifying exams, choosing a dissertation committee, identifying career options, presenting work at conferences and in journals, preparing grant proposals, preparing for job interviews, juggling professional and personal life, and recognizing obstacles in career development. The seminar participants will select actual topics at the beginning of the term, and all will be expected to participate in the discussions. All participants will present their research at a departmental poster session at the end of the term. Required of all second-year students.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**Formerly known as:** 293A-293B

PSYCH 294 Current Issues Colloquium Series 1 Unit  
Current issues in specified areas of psychology presented weekly by announced speakers.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit with consent of instructor. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-2 hours of colloquium per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

PSYCH 298 Directed Study 1 - 12 Units  
Special study under the direction of a member of the staff.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Summer:**

6 weeks - 1-5 hours of independent study per week

8 weeks - 1-4 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

PSYCH 299 Research 1 - 12 Units  
Individual research.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Summer:**

6 weeks - 1-5 hours of independent study per week

8 weeks - 1-4 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate

**Grading:** Letter grade.

PSYCH 301 Supervision for Teaching Psychology 2 2 Units  
Supervised teaching experience for graduate student instructors of Psych 2.

**Rules & Requirements**

**Prerequisites:** 300, advancement to candidacy, and consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Professional course for teachers or prospective teachers

**Grading:** Offered for satisfactory/unsatisfactory grade only.

PSYCH 375 Teaching Psychology 2 Units  
This course will provide training in a variety of teaching techniques, will review relevant pedagogical issues, and will assist graduate students in mastering their initial teaching experiences.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Psychology/Professional course for teachers or prospective teachers

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**Formerly known as:** Psychology 300

PSYCH 401A Clinical Internship (Off Campus) 1 - 12 Units  
Individual programs of practice and supervision in approved off-campus agencies.

**Rules & Requirements**

**Prerequisites:** Advancement to candidacy; limited to clinical psychology graduate students or consent of instructor

**Repeat rules:** Credit and grade to be awarded on completion of internship appointment. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of internship per week

**Summer:**

6 weeks - 1-12 hours of internship per week

8 weeks - 1-12 hours of internship per week

**Additional Details**

**Subject/Course Level:** Psychology/Other professional

**Grading:** The grading option will be decided by the instructor when the class is offered.

PSYCH 401B Clinical Internship (Off Campus) 1 - 12 Units  
Individual programs of practice and supervision in approved off-campus agencies.

**Rules & Requirements**

**Prerequisites:** Advancement to candidacy; limited to clinical psychology graduate students or consent of instructor

**Repeat rules:** Credit and grade to be awarded on completion of internship appointment. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of internship per week

**Summer:**

6 weeks - 1-12 hours of internship per week

8 weeks - 1-12 hours of internship per week

**Additional Details**

**Subject/Course Level:** Psychology/Other professional

**Grading:** The grading option will be decided by the instructor when the class is offered.

PSYCH 602 Individual Study for Doctoral Students 1 - 8 Units  
Individual study in consultation with the major field adviser, intended to provide opportunity for qualified students to prepare themselves for the various examinations required of candidates for the Ph.D. May not be used for unit or residence requirements for the doctoral degree.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Summer:**

6 weeks - 1-5 hours of independent study per week

8 weeks - 1-4 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Psychology/Graduate examination preparation

**Grading:** Offered for satisfactory/unsatisfactory grade only.