

Fall 2020 Course Descriptions as of 04/05/2020 08:13 PM

Information in Browse Course Catalog is subject to change. Information is term specific. Please refer to the appropriate term when searching for course content. Key to Course Descriptions may be found at: http://rcs.registrar.arizona.edu/course_descriptions_key.

Psychology Main (PSY)

PSY 101: Introduction to Psychology (3 units)

Description: Only for students who have not taken the psychology section of INDV 101 . (The Structure of Mind and Behavior) or PSY 150A1. In the absence of INDV 101 or PSY 150A1, this course is required for admission to all other psychology courses. See University General Education, Tier One. Survey of psychology including history, systems, and methods; structure and functions of the nervous and endocrine systems; learning; motivation and emotion; perception; memory; thought and language; personality; development; social cognition and behavior; psychopathology and psychotherapy.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSY 1PAP, PSY 150A1

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Enrollment requirement: Enrollment not allowed if you have previously taken PSY 150A1 or INDV 101 "The Structure of Mind and Behavior" (Topic 10).

Shared Unique Number: SUN# PSY 1101

PSY 150A1: The Structure of Mind and Behavior (3 units)

Description: Only for students who have not taken PSYC/PSY 101 (Introduction to Psychology). An introduction to mind and behavior. Broad coverage of wide-ranging issues including how minds reflect social influence and how neural systems underlie thoughts and conscious awareness.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Discussion May Be Offered
 Lecture Required

Equivalent to: PSY 1PAP, PSY 101

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Enrollment requirement: Enrollment not allowed if you have previously taken PSY 101 or INDV 101 "The Structure of Mind and Behavior" (Topic 10).

General Education: INDV 101

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 193: Internship (1 - 3 units)

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment. Such work must be approved and supervised by a psychology faculty member.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated for a maximum of 90 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

PSY 194: Practicum (1 - 3 units)

Description: The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PSY 197A: Undergraduate Psychology Exploration Program (UPEP) (1 unit)

Description: Mentors will assist the instructor in increasing students' awareness of campus resources and foster the development of appropriate skills to assist in the students' personal, academic, and professional development. In addition, this course will briefly introduce students to various fields within psychology and career opportunities. It combines class activities and discussions with out-of-class learning experiences and reflective writings in a weekly journal.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Fall

Success Course: Success Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 197B: Academic and Career Success for Psychology Majors (1 unit)

Description: This course will introduce students to various fields within psychology and career opportunities. It also addresses student concerns about topics like study skills, learning styles, time management, and overall success in the Psychology major. Combining in-class activities and discussions with out-of-class learning experiences, this course helps students develop the skills to be successful academically and professionally.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Spring

Recommendations and additional information: Must be a Psychology major on probation after their first semester.

Success Course: Success Course

PSY 199: Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. See Psychology faculty for research related opportunities.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PSY 200: Evolution and Human Development (3 units)

Description: An examination of human psychological and behavioral development across the lifespan with a focus on how the processes of evolution have influenced individual development.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Discussion May Be Offered
Lecture Required

Equivalent to: FSHD 200, PSY 200

Also offered as: EDP 200, FSHD 200

Course typically offered:

Main Campus: Fall, Spring

Home department: Educational Psychology

General Education: Tier 2 Individuals & Societies

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 201: Introduction to Linguistics (3 units)

Description: Fundamentals of linguistics; phonetics, phonology, morphology, syntax, semantics and language acquisition; provides basis for further study in the field.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:

Equivalent to: PSY 201

Also offered as: LING 201

Course typically offered:

Main Campus: Fall, Winter, Spring, Summer

Home department: Linguistics

PSY 216: Psychology of Gender (3 units)

Description: Analysis of gender differences and their source in biology and culture.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: GWS 216

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Two courses from Tier One, Individuals & Societies.

General Education: Gen Ed Diversity Emphasis

General Education: Tier 2 Individuals & Societies

PSY 220: Thinking about thinking (3 units)

Description: Students will explore and better understand the bases of thinking. They will become aware of how to detect and avoid decision manipulation traps. They will become more aware of understand the brains correlation between cognition and decision-making. Students will gain understanding on the evolution of cognition. Discovering the similarities and differences of human cognition and animal (especially primate) problem solving and communication.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Online Campus: Fall, Spring

Field trip: No

General Education: Tier 2 Natural Sciences

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 230: Psychological Measurement and Statistics (3 units)

Description: Does sleep improve memory? Does having friends improve mental health? These questions can be examined through controlled scientific experiments. This course will teach students the methods of statistics that are used for exploring data collected in experiments and for evaluating scientific hypotheses. Students will learn how to apply the core statistical tools used in science such as t-tests, ANOVA, regression, and Chi-square tests.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components:

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1; recommend prior completion of MATH 107 or 112.

Mathematics Foundations: General Math Strand

PSY 240: Developmental Psychology (3 units)

Description: Survey of research and theory in child development. Examines age-related change in the social, emotional, cognitive, and linguistic domains from infancy to adolescence. Emphasizes the exploration of the empirical literature in psychology, biology, and social science as it relates to developmental issues.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Course typically offered:

Main Campus: Fall, Spring

General Education: Tier 2 Individuals & Societies

PSY 254: Psychology of Love and Spirituality (3 units)

Description: Introduction to theory and research on the psychology of love and spirituality, with applications to mental, physical, and spiritual health.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

PSY 273: Psychology of Excellence (3 units)

Description: Psychological theories, research, and intervention strategies relevant to performing in life settings as diverse as academics, career, athletics, performing arts, and interpersonal relations.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 277: Law and Policy in Society: Psychological and Sociological Perspectives (3 units)

Description: Interdisciplinary consideration of the origins, definitions, operations, theories, and trajectories of law and legal systems in contemporary society. Excellent preparation for upper-division courses on law and law related topics in the social and behavioral sciences or public administration.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: SOC 277

Recommendations and additional information: Two courses from Tier One, Individuals and Societies (Catalog numbers 150A, 150B, 150C).

General Education: Tier 2 Individuals & Societies

PSY 290A: Research Methods (3 units)

Description: Psychology majors will gain experience in a range of psychological research methods.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Laboratory May Be Offered
Lecture Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or INDV 101, PSY 230. Open to psychology majors only.

Shared Unique Number: SUN# PSY 2290

PSY 293: Internship (1 - 3 units)

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment. Such work must be approved and supervised by a psychology faculty member.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 294: Practicum (1 - 3 units)

Description: The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PSY 297A: Introductory Laboratory in Psychology (3 units)

Description: The practical application of research methods for the Psychology major involving an exchange of ideas and practical methods, skills, and principles. The course may include designing experiments, collecting data, analyzing data and writing research reports. A variety of methods are included from different areas within both Cognition and Neural Systems and Individual and Social Processes.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1; PSY 230.

Shared Unique Number: SUN# PSY 2290

PSY 299: Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 299H: Honors Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. See Psychology faculty for research related opportunities.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

PSY 300: Cognitive Neuroscience: A Guide to Mind and Brain (3 units)

Description: This course is, in essence, a user guide to your brain. How do you store a lifetime of memories, make difficult decisions, and understand and generate language? What factors drive how you perceive the world and engage in a wide range of motor actions from taking a single step to dancing? What enables you to feel emotions and understand what others are thinking? The main objective of this course is for you to advance your knowledge of how the brain supports these cognitive abilities and others. Major topics will include sensation and perception, motor control, attention, learning and memory, language, executive functions, and social cognition. To cover these topics, you will be exposed to multiple methods for studying the brain, including a variety of modern brain imaging techniques as well as examination of individuals with brain lesions. Cognitive neuroscience is one of the most fascinating and active fields of research today. By the end of this course, we hope that you will have a better understanding of this rapidly advancing field, what we presently know, and what big questions are still under scientific investigation.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 300

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1, and PSY 230, PSY 290A.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 302: Introduction to Biopsychology (3 units)

Description: Survey of the basic principles of nervous system function in relation to perception, learning, memory, emotion, and thinking.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: PSYV 302

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B.

PSY 306: Evolutionary Psychology (3 units)

Description: Introduces students to basic mechanisms of behavioral evolution. Emphasis is on adaptive problems and how humans of various ages, sexes, and development stages solve them.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: PSYV 306

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B.

PSY 312: Primate Behavior (3 units)

Description: Survey of psychological research on non-human primates; includes sensory processes, learning, development, social and abnormal behaviors.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 312

Recommendations and additional information: PSY 290A or PSY 290B.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 313: Drugs and the Brain (3 units)

Description: Humans have used mind-altering drugs for thousands of years. These mind altering drugs come in many forms, ranging from common drugs such as caffeine, Adderall, and alcohol, to illicit drugs such as LSD and heroin. Advances in neuroscience and psychology have greatly expanded our capacity to understand how drugs alter neural circuits and how these alterations affect decision making, perception, and memory. This course will explore the connection between drugs, brains, and cognition and incorporate recent discoveries in neuroscience, biochemistry, and psychology. The course will be a combination of lectures and discussion of recent brain and behavior related science news and readings from instructors and students.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Lecture	Required
--------------------	---------	----------

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: (PSY 101 or PSY 150A1) and PSY 230 and PSY 290A and PSY 297A.

PSY 319: Learning: How We Change Behavior (3 units)

Description: Humans and animals easily adapt to changes in their world through learning. The focus of this course is to learn science based principles of learning and how to apply them to training pets, raising children, improving relationships, improving study skills, behavior therapy and more. First we will learn about classical conditioning and how it applies to the development and treatment of drug addiction, anxiety, and food aversions. Then in operant conditioning we learn how to effectively increase and decrease voluntary behaviors. We will examine applications of this approach including child management, dog and horse training. Each study will have a CD with Sniffy, the Virtual Rat, who can be trained to demonstrate basic principles as well as to do tricks.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: PSYV 319

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1.

-SA represents a Student Abroad & Student Exchange offering

-**CC** represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 321: Brain Rehabilitation (3 units)

Description: There is growing interest in studying how the injured central nervous system reorganizes due to brain rehabilitation. Through lectures, textbook / journal article readings, group projects, discussions and presentations, this course will provide a foundation of brain rehabilitation using non-invasive neuromodulation techniques for clinical practice and empirical research. Students will learn about brain rehabilitation protocols for different populations. Grades are based on quizzes, leading class discussion, participation in class discussions, literature review, and final presentation.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Online Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B.

PSY 325: Cognitive Psychology (3 units)

Description: Introduction to the experimental analysis of the information processing systems underlying human cognition, language and memory.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 325

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1; PSY 230, PSY 290A, PSY 297A.

PSY 326: Human Memory (3 units)

Description: Introduction to scientific study of human memory including structures and processes, memory failures, acquisition and retention of knowledge, memory development, and memory disorders.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 326

Course typically offered:

Main Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 327: Cognitive Psychology of Illusions and Magic: Observations and applications (3 units)

Description: Illusions and magic are entertaining, but they also reveal significantly about the human cognition. That is, while engineered illusions use our own mind's intrinsic properties against ourselves, fooling us every time even when we know full well that we are being 'tricked', this also leads to scientific investigations that elucidate how the mind works. The course will explore the dynamic integration between these awe-inspiring perceptual illusions and magic effects, and the neural and psychological mechanisms involved. For example, how does redirected of visual attention work in a magic performance and how can this be studied scientifically. What neural mechanisms are involved in seeing a real versus make-belief object? We will survey a number of magic tricks and perceptual illusions. Students will have the opportunity to apply acquired knowledge to independently explore other illusions and real-world applications.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1

PSY 329: Sensation and Perception (3 units)

Description: Introduction to research concerning how we perceive the external world through our senses of vision, audition, smell, taste and touch, with an emphasis on vision.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 329

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 330: Perceptual Learning (3 units)

Description: Examines the effects of experience on perceptual processing. Topics include spatial adaptation, after effects of ventriloquism, perceptual discrimination learning, generalization, growth, and comparison to other learning processes. This is a Writing Emphasis Course.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1; PSY 290A or a course in the cognitive (CEM) division; Sophomore or Junior standing.

Honors Course: Honors Contract

Honors Course: Honors Contract

Writing Emphasis: Writing Emphasis Course

PSY 333: Judgment and Decision-Making (3 units)

Description: This course will serve as an introduction to empirical and theoretical research on the psychology of judgment, choice, and decision-making. Research on judgment and decision-making is being used for a broad range of applications, from improvements in medical practice, environmental policy, and business decisions, to methods to increase satisfaction with decisions about one's personal life. The primary goal of this course is to teach students about the research methods that are used to study judgment and decision making processes, and the findings of scientific research on this topic.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 333

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 150A1 or PSY 101; PSY 230.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 336: Spirituality, Psychology, and the Mind (3 units)

Description: This course is a survey of psychological theory and research investigating religious beliefs, experiences, and practices.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Lecture Required

Also offered as: RELI 336

Course typically offered:

Main Campus: Fall, Spring

Home department: Committee on Religious Studies

Honors Course: Honors Contract

Honors Course: Honors Contract

PSY 340: Introduction to Cognitive Development (3 units)

Description: In this course you will learn how young children learn to think, starting in infancy and extending into early and middle childhood, along with theories and experimental methods used to study cognitive development. For example, you will learn about the negative effects of early media exposure, how children learn to take another person's perspective, that infants and toddlers understand much more than they can say, about the development of self-control, the reliability of children's eyewitness testimony, surprising ideas children have about the size of themselves and their toys, how well we can predict children's school performance from tests of basic cognitive processes, how children "learn" to learn, and the effect of culture on the developing mind.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 340

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 349: Child Neuropsychology (3 units)

Description: This course is to serve as an introduction to the relation between brain and behavior during normal and abnormal child development. The class will focus on normal development of the brain during childhood and adolescence, normal development of cognition during childhood and adolescence, and dysfunctions of the central nervous system during childhood.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1; PSY 230.

PSY 352: Personality (3 units)

Description: Basic concepts and issues in personality theory and research; approaches to personality description and assessment.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 352

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1.

PSY 357: Psychology of Religion and Spirituality (3 units)

Description: Examines the psychology of religion and spirituality, addressing theory, research and applications to health, virtue, and love. Integrates empirical science and personal experience; features how psychology enriches our understanding of religion and spirituality, and how religion and spirituality enriches our understanding of psychology.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 358: Psychology of Consciousness (3 units)

Description: Introduction to theory and research on both normal and altered states of consciousness, from a natural science and cognitive psychology viewpoint. Topics reviewed include philosophical foundations, brain systems and consciousness, introspection, sleep and dreaming, hypnosis, meditation, and psychedelic drugs.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B. PSY358 is equivalent and mutually exclusive to PSYV358. Students will receive credit from taking either PSY358 or PSYV 358 but not both.

Writing Emphasis: Writing Emphasis Course

PSY 360: Social Psychology (3 units)

Description: Introduction to the major theories and research findings of social psychology. Specific topics covered in the class include the self, social cognition, attitudes, interpersonal relations, group processes, prejudice, and aggression.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 360

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1 or 8 units of biology lab science.

PSY 364: Human Sexuality (3 units)

Description: Social-psychological and developmental aspects of human sexuality. Examples of topics include: courtship, pregnancy and delivery, sexual health, and sex education.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 364

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 365: Introduction to Cultural Psychology (3 units)

Description: A study of cultural differences in perception, motivation, expression, verbal and non-verbal behavior, and values and meaning systems, and the implications of these differences for cultural interaction and understanding of current research.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1.

PSY 368: Psychology of Terrorism (3 units)

Description: This course is intended to be an introduction to the scientific study of the psychology of terrorism. Topics will include definitions of terrorism, pathological and non-pathological psychological reactions to terrorism, psychological factors that may contribute to terrorist behavior, systems for communicating terrorism threats, possible methods to reduce terrorism, and resilience and post-traumatic growth.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 368

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1.

PSY 374: Environmental Psychology (3 units)

Description: Basic concepts in environmental psychology; the relationship between the individual and the large-scale environment.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: PSYV 374

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 375: Industrial-Organizational Psychology (3 units)

Description: Application of the principles of psychology to industrial and social organizations, including personnel, human factors, organizational and consumer psychology.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: PSYV 375

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1.

PSY 376: Human Factors: User Interface Design (3 units)

Description: This course provides basic training in the optimal design of the user interface to human-machine systems, particularly human-computer systems. This course will also provide the student with an understanding of User Interface Design as an important career opportunity within Psychology.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: WS 376

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1.

PSY 377A: Psychology and Law (3 units)

Description: Introduction to the use of behavioral and social knowledge in legal decision making.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Sophomore or above standing.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 378: Psychology, Law and Juvenile Justice (3 units)

Description: This course will address general intersections of various areas of psychology and law. In particular, lessons from developmental, social, clinical, and cognitive psychology will be applied to important substantive issues in criminal law and criminal defenses. In addition, a significant portion of the course will focus on developmental issues in adolescence and their implications for juvenile justice. As such, alternative forms of antisocial behavior (e.g., aggression, delinquency) in adolescence, as well as alternative responses (e.g., rehabilitation, punishment) to these varied behavioral patterns will be explored and discussed in detail.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

PSY 379: Psychology of Divorce (3 units)

Description: Divorce and permanent relationship separations directly and indirectly, through family and friends, affect the majority of people in society. This course will take a critical look at the cycle of marriage and relationships, the causes of relationship breakdown and divorce, psychological processes and consequences of for adults, young adults, children and parents. Finally, the legal processes involved will also be explored.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: FSHD 379

Course typically offered:

Main Campus: Fall, Spring, Summer

Recommendations and additional information: Sophomore or above status.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 380: Child Abuse And Neglect: Clinical And Research Issues (3 units)

Description: This course will serve as a broad introduction to the topic of child maltreatment from a psychological perspective. The course will examine the history of child maltreatment in the United States as well as the numerous roles that professionals play in the prevention, investigation, and treatment of maltreatment. Students will be challenged to critically examine the methodological approaches to the study of maltreatment and the way maltreated children interact with multiple institutions. Moreover, students will be introduced to literature as it applies to various types of maltreatment, including physical, sexual, and emotional abuse, neglect, and less common forms of abuse (such as factitious disorder by proxy, sibling abuse, bullying, and institutional maltreatment).

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 380

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 150A1 or PSY 101. Sophomore or above status.

Writing Emphasis: Writing Emphasis Course

PSY 381: Abnormal Psychology (3 units)

Description: Abnormal psychology is a branch of psychology that empirically studies abnormalities in cognition, emotion, and behavior. This course is intended to provide a broad overview of mental illness, with a special emphasis on the classification of mental illness by the Diagnostic and Statistical Manual 5 (DSM-5). The course will also cover theoretical approaches to treating mental health problems and specific treatments that work and do not work for different diagnoses. In addition to learning about diagnosis and treatment, students will be introduced to the biopsychosocial model and the causal theories behind diagnoses.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 381

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 382: The Psychology of Health Disparities (3 units)

Description: Despite the general improvement in national health, racial/ethnic health disparities remain a growing challenge in the United States. The Center for Disease Control reports that racial/ethnic minorities generally suffer higher incidence of most health challenges including infectious diseases, infant mortality, asthma, diabetes, cancer, heart disease, stroke, and earlier mortality compared to non-minorities. These disparities are caused by a combination of individual, genetic, and social/environmental risk factors (Olden & White, 2005). Advances in psychological science are helping to understand how these factors influence risk and contributing to interventions to improve health for all. The aim of this course is to move beyond a discussion of who is affected to a more focused look at the causes of health disparities. This course represents an integration of Psychology, Medicine, Epidemiology, Social Work, and Public Health with the clear emphasis on the contributions of psychological science. Throughout, the biopsychosocial model (BPS: Engel, 1977) will serve as the core model for organizing and guiding the discussion. The course is organized into 4 principle domains: 1) Orientation and the epidemiology of health disparities, 2) the biopsychosocial approach to understanding the determinants of health disparities 3) examination of disparities and processes within specific groups, and 4) psychosocial interventions and future directions.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1.

PSY 383: Health Psychology (3 units)

Description: The main aim of Health Psychology is to introduce students to the broad theories, terminology, and substantive research findings of the field through consideration of the psychological influences on illness and wellness, as well as the effects of physical health on psychosocial functioning. Throughout the term, we will examine how these processes operate across varied levels of analysis, including, for example, consideration of the different biological systems of the body, how people make health behavior changes, the effects of interpersonal contexts on physical health, the development, maintenance, and psychosocial correlates of specific diseases, cultural variation in disease and health behaviors, and the role of larger systems in promoting wellness and the management of chronic illness.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 383

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

Description: Positive Psychology is the scientific study of the kinds of things that lead to well-being, resilience, and happiness. In this course, we will review some of recent research in this area, covering a range of topics such as the effects of sleep, exercise, community, meditation, medication, laughter, acts of kindness, and play (among others). We will also consider how well-being is measured and assessed, from questionnaires and self-reflection to physiological tests.

Career: Undergraduate

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring

PSY 389: Advanced Methods in Psychological Research (3 units)

Description: The purpose of this course is to provide undergraduates who wish to pursue graduate studies in academic psychology with a thorough grounding in research methods. This course focuses on the students' ability to conduct scientific research rather than on their ability to understand and evaluate research produced by others. It will consist almost entirely of interactive lab sessions rather than a series of lectures. We will begin by thoroughly grounding students in research ethics, and all students will leave with their CITI training complete. A portion of the course is dedicated to teaching system and software administration skills. The bulk of the course will consist of experimental projects, each using a different methodology for collecting and analyzing data. The scientific content of these projects will be determined by the individual instructor.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Course typically offered:

Main Campus: Fall, Spring

Enrollment requirement: PSY 290A

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 391: Preceptorship (1 - 3 units)

Description: Specialized work on an individual basis, consisting of instruction and practice in actual service in a department, program, or discipline. Teaching formats may include seminars, in-depth studies, laboratory work and patient study.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Recommendations and additional information: Course instructor permission required for registration.

Student Engagement Activity: Leadership

Student Engagement Competency: Interdisciplinarity

PSY 393: Internship (1 - 6 units)

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment. Such work must be approved and supervised by a psychology faculty member.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Student Engagement Activity: Community Partnership

Student Engagement Competency: Civic and Community

PSY 394: Practicum (1 - 3 units)

Description: The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 396C: Preparation for Graduate Programs in the Field of Psychology (2 units)

Description: The purpose of this course is to introduce undergraduate Psychology majors to the various career opportunities within the field of Psychology. This course will primarily focus on preparation for graduate school and thus provide steps for the graduate school application process. In addition, students will learn skills to assist them with a successful transition into a graduate program.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Summer

PSY 396H: Honors Proseminar (3 units)

Description: An introduction to the critical and analytical thinking required for conducting research. Across the semester, a number of different faculty members are invited to speak to the class about their research. Hence, the course serves as an introduction to some of the research going on in the department, and to some of the faculty members conducting the research. Readings include research articles published by faculty members and their colleagues. Students are encouraged to begin to think like research scientists and to use this course to help them focus on a topic for their honors thesis.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Course typically offered:

Main Campus: Fall

Recommendations and additional information: PSY 290A or PSY 290B.

Enrollment requirement: PSY 290A. Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

Writing Emphasis: Writing Emphasis Course

PSY 397: SAIL: Student Advocates for Improved Learning (1 unit)

Description: This course prepares students to become peer leaders as they advocate for the use of research-based study strategies that foster learning. The course involves learning how the strategies work, implementing activities and discussions about the strategies with peer groups, and reporting on the outcomes of the peer coaching activities. One hour of class time and two hours of peer coaching preparation and activities are required each week.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Recommendations and additional information: An instructor recommendation is required to be enrolled in the course.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 397A: Career Exploration and Professional Development (2 units)

Description: In this course, Psychology majors explore the many and varied career pathways that they may encounter with a Bachelor's degree in the field. This course is designed to allow students to apply psychology-specific content and skills to career goals. Students will be challenged to articulate, apply, and exhibit skills derived from psychology to best prepare them for successful careers in the workforce. This course is an Engaged Learning course. It is designed to guide students through experiential learning and reflection on that experience to prepare students for applying what they've learned beyond the classroom and into their future careers. Students that complete the course with a C or better will earn the notation "Engaged Experience: Completed" on their UA transcripts, and the completion of this course will also appear on their Student Engagement Record.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall, Spring

Online Campus: Fall, Spring

Student Engagement Activity: Professional Development

Student Engagement Competency: Professionalism

PSY 397B: Student Advocates for Improved Learning (SAIL) II (1 unit)

Description: The primary objective of this course is to give students the opportunity to apply what they have learned about how students learn and to act as advocates for the learning strategies that will enable their peers to become better learners. Students will learn about effective communication, leadership and professionalism and will use these important skills when they organize and conduct SAIL sessions with groups of their peers.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Spring

Student Engagement Activity: Leadership

Student Engagement Competency: Professionalism

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 399: Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. See Psychology faculty for research related opportunities.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Student Engagement Activity: Discovery

Student Engagement Competency: Innovation and Creativity

PSY 399H: Honors Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. See Psychology faculty for research related opportunities.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

Student Engagement Activity: Discovery

Student Engagement Competency: Innovation and Creativity

PSY 401A: Principles of Psychophysiology (3 units)

Description: Overview, principles, theory, and applications of physiological assessment; an introduction to theory and research in major areas of human psychophysiology with a particular emphasis on psychophysiological correlates and physiological substrates of cognition, affect, and psychopathology. May be taken alone or concurrently with 401B.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 501A

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B; PSY 302.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 401B: Psychophysiology Laboratory (1 unit)

Description: Provides a pragmatic "hands-on" experience in psychophysiological recording and analysis. Involves learning all facets of psychophysiological signal acquisition and analysis.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Laboratory Required

Co-convened with: PSY 501B

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B; PSY 302.

Writing Emphasis: Writing Emphasis Course

PSY 402: Brain and Cognition (3 units)

Description: Introduction to the field of cognitive neuroscience: the study of brain mechanisms of attention, memory and language.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 402

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 230, PSY 302.

PSY 403C: Introduction to Computational Neuroscience (3 units)

Description: This course covers the basic simulation techniques for biophysical modeling.

Topics include: single and multi compartmental models, intrinsic neuron properties and dendritic integration and large networks of biophysical neurons with realistic stochastic synaptic transmission.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 503C

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

Description: This course will be an overview of current research and methods in the field of Developmental Cognitive Neuroscience. Developmental Cognitive Neuroscience is a field in which researchers seek to understand the neurological processes that change across childhood and into adulthood, and how these changes may underscore developing cognitive processes.

Career: Undergraduate

Course typically offered:

PSY 406A: Neural Encoding, Memory, and Computation in the Mammalian Brain (3 units)

Description: Theoretical principles and biological mechanisms by which information is represented, categorized, stored, and recalled in specific central nervous system (CNS) circuits in the course of adaptive behavior.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with:

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 230.

Description: Systematic study of animal behavior. Analysis of environmental and genetic determinants of behavior, special behavioral adaptations in animals, and sociobiological concepts.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 411

Co-convened with: PSY 511

Recommendations and additional information: PSY 290A or PSY 290B. Open only to psychology and IDS majors with a psychology subject area.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 412: Animal Learning (3 units)

Description: What cognitive skills do various animal species share with humans? Are cognitive similarities across species due to shared genetics or shared environmental demands? Some of the cognitive skills explored in this course include: the ability to generalize beyond specific experiences to a more abstract representation of the world; awareness of self and others; learning to use tools from other members of your species; communication and language; and social structure and morality. Research on these topics provides new perspectives on what it means to be human.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 512

Recommendations and additional information: PSY 290A or PSY 290B. Open only to psychology and IDS majors with a psychology subject area.

Writing Emphasis: Writing Emphasis Course

PSY 413: Drugs, Brain and Behavior (3 units)

Description: Physiological, neurotoxic and behavioral effects of drugs on individual neurotransmitter systems in the brain. Special emphasis will be given to the historical use and political significance of the major drugs of abuse.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: PSYV 413

Co-convened with: PSY 513

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B; PSY 302.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

Description: Part I: Basic mechanisms of behavioral evolution, genetics, and natural selection, as well as other factors impinging on the evolutionary process. Part II: Historical approaches that converge upon the broadly defined research program of behavioral evolution, theoretical perspectives, and empirical contributions made by each of these approaches, and current controversies in the field, framed as a single integrated area of study in which multiple approaches and perspectives can contribute to a comprehensive understanding.

Main Campus: Fall, Spring

Writing Emphasis: Writing Emphasis Course

Description: There is growing interest in studying how connections between brain regions relate to behavior and disease. This course is designed for students who are interested in brain connectivity and its applications to psychological research and clinical populations. Through lectures, textbook / journal article readings, discussions and presentations, this course will provide a comprehensive introduction to brain connectivity research, including principles of magnetic resonance imaging, study design, data analysis, applications, and future directions. Students will learn about function and dysfunction of brain networks in different populations and how network-based approaches can be used to investigate human behavior. Grades are based on (open-book/article) mini quizzes, leading class discussion, participation in class discussions, literature review, and final presentation.

Main Campus: Fall, Spring

Enrollment requirement: PSY 290A or PSY 290B.

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 423: Introduction to Cognitive Science (3 units)

Description: This course is an upper level introduction to topics in Cognitive Science, which is an interdisciplinary field that studies intelligence in all of its guises - human, animal, and computer. The field combines approaches from Psychology, Computer Science, Linguistics, and Philosophy. The course begins by outlining different approaches to intelligence (e.g., logic, rules, etc.) and turns to a set of problems that Cognitive Science must address (e.g., consciousness, evolution, etc.).

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1.

PSY 424: Gerontology: A Multidisciplinary Perspective (3 units)

Description: Biological, psychological, and social issues in aging, including brain changes with age, cognitive change with age, and the social impact of increasingly older population demographics.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: GERO 424

Co-convened with: PSY 524

Course typically offered:

Main Campus: Fall

Recommendations and additional information: PSY 290A or PSY 290B; PSY 302 or PSY 325 or PSY 360.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

Description: Cognition collectively refers to a variety of higher mental processes that you use on a daily basis to think, perceive, remember, plan, and act. Cognition is central to your identity and provides you with incredible freedom of thought, allowing you to "mentally time travel" into the past and the future, to think creatively and problem solve, to select what you attend to and alter how you perceive your environment, to create language, and to place yourself in "another person's shoes." The goal of this course is to provide you with a deeper understanding of how some of these higher mental processes work, and how they are prone to errors. This course will focus on real world examples of cognition at work. This will include cognitive demands of daily experience, such as focusing attention on a lecture and remembering to follow through with future plans. We also will discuss cognition in relation to hot topics in the public eye, including fake news, eyewitness testimony, return to play decisions in sports, substance use, and Alzheimer's disease. Through this course you will acquire knowledge that you can apply to your everyday life, and you will be better prepared for your future career and life challenges that can affect cognition.

Main Campus: Fall, Spring

Main Campus: Fall

Writing Emphasis: Writing Emphasis Course

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 429: Advanced Perception (3 units)

Description: A special topics course. Sample topics include; perception of space, theories of object recognition, evolutionary constraints, learning, attention, visual cognition, and theories of perception.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B; PSY 329.

Writing Emphasis: Writing Emphasis Course

PSY 430: Advanced Psychological Measurement and Statistics (3 units)

Description: Statistical analyses and the corresponding statistical software necessary to calculate and analyze data are important and marketable skills needed in a range of occupations, including research, academia, the private sector. Thus, this course is designed to provide a primer on how to analyze, interpret, and present data most commonly used in psychology using R, a free, powerful, and open-sourced statistical software that has the functionality to perform basic to advanced descriptive and inferential statistics. Because science and statistics is social, the course will additionally focus on contemporary issues and controversies in research, from critically evaluating statistical analyses in published literature to understanding ethical analytical principals (multiple working hypotheses, plagiarism, replication, & falsification).

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Field trip: N/A

Enrollment requirement: PSY 230 and PSY 290A

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 431: Primate Sexuality (3 units)

Description: Human sexuality is explored through discussing the evolution of non-human primate anatomy, physiology, and behavior. Topics include comparative reproductive anatomy and reproductive health, mating strategies, mate choice, parenting and parental investment, and socioendocrinology (the study of behavior-hormone relationships).

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Also offered as: ANTH 431, ECOL 431, FCSC 431

Co-convened with: PSY 531

Course typically offered:

Main Campus: Spring

Recommendations and additional information: ANTH 265 or ANTH 364 or consent of instructor.

Home department: School of Anthropology

PSY 433: Decisions and the Brain (3 units)

Description: This course aims to provide an introduction to the exciting new field of Neuroeconomics - the study of how our brains make economic decisions. Topics will include how our brains respond to risk and ambiguity, how we learn and assign value to different options, how we trade-off the benefits of immediate and delayed rewards and what happens when we play simple economic games. This course will also give an overview of the experimental and theoretical techniques used in Neuroeconomic research including neuroimaging, neurophysiology, reinforcement learning and prospect theory. At the end students should be able to read the Neuroeconomic literature with a confident and critical eye.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 438: Computational Linguistics (3 units)

Description: Fundamentals of formal language theory; syntactic and semantic processing; the place of world knowledge in natural language processing.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: CSC 438, PSY 438

Also offered as: CSC 438, LING 438

Co-convened with: PSY 538

Course typically offered:

Main Campus: Fall

Recommendations and additional information: LING 388 or a course in one of the following: formal languages, syntax, data structures, or compilers.

Home department: Linguistics

PSY 444A: Computational Cognitive Neuroscience (4 units)

Description: This course introduces you to the field of computational cognitive neuroscience for understanding how the brain secretes the mind. We focus on simulations of cognitive and perceptual processes, using neural network models that bridge the gap between biology and behavior. We first consider the basic biological and computational properties of individual neurons and networks of neurons, followed by learning mechanisms that allow networks to be adaptive and to perform reasonably complex tasks. We examine a range of cognitive phenomena within this framework, including attention, memory, language and higher-level cognition. The class includes a lab component in which students get hands on experience with graphical neural network software (no programming experience needed), allowing deeper, more intuitive appreciation for how these systems work.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Laboratory Lecture	May Be Offered Required
---------------------------	-----------------------	----------------------------

Equivalent to: NRSC 444A, PHIL 444A

Co-convened with: PSY 544A

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 150A1, PSY 302, PSY 325.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 447: Psychology of Values and Preferences (3 units)

Description: Variable content (consult schedule): learning, cognition, perception, psycholinguistics, emotion, others.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 447

Co-convened with: PSY 547

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B; 6 units of upper-division psychology. Open only to psychology and IDS majors with a psychology subject area.

Writing Emphasis: Writing Emphasis Course

PSY 456: Psychology of Death and Loss (3 units)

Description: Basic concepts in a psychology of death and loss, with emphasis on both the adjustment to death and loss, and the underlying phenomenal, humanistic and current social considerations.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Writing Emphasis: Writing Emphasis Course

PSY 457: The Psychology of Happiness (3 units)

Description: The course consists of an introduction and exploration of the new branch of positive psychology founded by Martin Seligman and others. Students will read from the five researchers in the field, do literature searches of related topics and write up their own experiences. Class discussion and writing are the major emphases of the seminar.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 457

Co-convened with: PSY 557

Course typically offered:

Main Campus: Fall, Spring, Summer

Recommendations and additional information: PSY 101 or PSY 150A1.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 458: Violence and Youth (3 units)

Description: Explores the etiology of youth violence from developmental and socio-cultural perspectives, the influence of societal factors such as media, guns, and gangs on violence among youth.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: FS 458, FSHD 458, FSHV 458, FSHV 458, PSYV 458, SOC 458

Co-convened with: PSY 558

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Sophomore or above standing.

Writing Emphasis: Writing Emphasis Course

PSY 459: Adult Development and Aging (3 units)

Description: This course will explore change and continuity in the biological, psychological and social processes associated with adulthood, with an emphasis on late life. Approximately half of the course time will be spent in the classroom learning the fundamentals of adult development and aging, and half the time will be spent in community-based facilities that provide independent or assisted living accommodations for seniors in the community. Students will have the opportunity to engage older adults in conversation, and experience first-hand the broad range of individual differences that occur with aging. This engagement component requires that students make a commitment to attend all classes.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: GERO 459

Co-convened with: PSY 559

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B.

Student Engagement Activity: Discovery

Student Engagement Competency: Civic and Community

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 460: Advanced Social Psychology (3 units)

Description: Examines social psychology topics covered in PSYC 360 in more detail. The advanced course offers an in-depth analysis of the theories and methodologies used by social psychologists to investigate social behavior.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 560

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B; PSY 360. Open only to psychology and IDS majors with a psychology subject area.

Writing Emphasis: Writing Emphasis Course

PSY 461A: The Social Psychology of Attitudes (3 units)

Description: This course provides an in-depth analysis of how attitudes influence social interaction. Topics include the social psychological basis of attitudes, the attitude-behavior relationship, social influence and persuasion processes, and how attitudes impact various social problems.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B; PSY 360; Open only to Psychology and IDS majors with a psychology subject area.

Writing Emphasis: Writing Emphasis Course

PSY 463: Forensic Assessment: Intervention and Treatment (3 units)

Description: Theory, research and practice in the assessment and treatment of, and intervention with, persons involved with the legal process who have clinical problems.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 563

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Junior or Senior standing.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 467: Social Psychology and the Cinema (3 units)

Description: Social psychology theories and research in combination with contributions from the cinema to examine aspects of human behavior, e.g., death, meaning, aggression, prejudice, relationships.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: HUM 467, HUMS 467

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B; PSY 360; sophomore or above standing.

Writing Emphasis: Writing Emphasis Course

PSY 468: The Psychology of Intimate Relationships (3 units)

Description: The scientific study of intimate relationships has grown dramatically over the last several decades, and is one of the few truly interdisciplinary sciences. The purpose of this course is to introduce you to the rich and diverse field of relationship research. You will learn the guiding theories framing this literature, the unique research methods employed in the scientific study of relationships, and the seminal and often surprising findings that have emerged from this research. My goal is not for you to simply read about research studies and interesting case examples, but for you to be able to think critically and thoughtfully about the topics we discuss. My hope is that you will truly enjoy the material we discuss in class, and that you will come to appreciate that "the study of intimate relationships is now a fully-fledged topic of profound importance in the social sciences" (Karney & Bradbury, 2010, p. xvi). In terms of skill development, my goals are for you to: (a) learn to think critically about research and theories of intimate relationships; (b) be able to place specific articles and ideas within the broader context of a body of literature; and (c) be able to express those ideas orally and in written form. The course will be structured in the following way: - Weeks 1-3: Foundations of intimate relationship research - Weeks 4-7: Key domains of intimate relationships - Weeks 8-9: Couple therapy- Weeks 10-15: Emerging directions in relationship research - Week 16: Intimate partner violence

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 568

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 469: Clinical Psychology (3 units)

Description: This course will give you an in depth view of the field of clinical psychology, including assessment/diagnosis, interviewing, testing and the different therapies and research on them. It will also cover specialties (child clinical, health, clinical neuropsychology and forensic psychology) and differentiate clinical from the other “healing” professions (social work, psychiatry, marriage and family therapy, counseling).

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 469

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B, PSY 381.

PSY 470: Primate Behavior (3 units)

Description: This course examines the extensive diversity of the living primates, including aspects of their behavior and ecology, with emphasis on natural history and adaptation to the environment. The course begins with an introduction to the primates, their evolution, taxonomy, and adaptations, and then delves into the ways in which individuals interact with each other as well as ecological factors, to yield the various societies and strategies we see among primates in nature. We will also consider how our studying of living primates can help us gain insight into human adaptation and behavior.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Also offered as: ANTH 470

Co-convened with: PSY 570

Course typically offered:

Main Campus: Fall

Recommendations and additional information: ANTH 265 or ANTH 364 or consent of instructor.

Home department: School of Anthropology

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 470A: Child Psychopathology (3 units)

Description: This course is to serve as an introduction to child psychopathology. A range of emotional, cognitive, and behavioral childhood syndromes will be covered. Risk factors, possible genetic, neural, biological, social and familial factors will be discussed, as well as interventions. These topics will be discussed both from a clinical and a research perspective.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 381.

PSY 471: Behavior and Health (3 units)

Description: This course is focused on the relationships between psychological and physical functioning, i.e., the interplay between emotion, cognition, behavior, and the health/dysfunction of body systems. The course covers: 1) an introduction to different models of the pathways linking psychological and physical functioning; 2) the mechanisms by which psychological processes affect physical health (including the role of stress/emotion, health-related behaviors, and illness-related behaviors); 3) the psychosocial aspects of common medical illnesses; and 4) empirically-supported approaches to health-related assessment and intervention.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 571

Course typically offered:

Main Campus: Fall, Spring

PSY 478: Sleep and Sleep Disorders (3 units)

Description: Topics include sleep-wake rhythms, sleep deprivation, dreams, and the diagnosis and treatment of sleep disorders.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 578

Course typically offered:

Main Campus: Spring

Recommendations and additional information: PSY 230, PSY 302.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 480: Forensic Psychology (3 units)

Description: The major goal of this course is to provide a broad overview of the field of forensic and the numerous ways that psychology interacts with the law. The discipline of forensic psychology has become extremely popular for students over the past two decades, in part because of numerous TV programs addressing the topic such as: Law & Order, CSI, Criminal Minds, to name a few. Forensic psychology courses are being taught in numerous universities and there are now over 20 graduate programs in the United States offering doctorates in either forensic psychology or psychology and law. A good understanding of forensic psychology will benefit students entering into a number of professions including: corrections, child protective services, probation, mental health, forensic sciences, the law, etc. Forensic psychology addresses the application of psychological research, methods, and expertise to issues that come before the legal system. Some topics include, insanity, competency, jury-selection, expert-testimony, decision making, child custody, dangerousness, and interrogations.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 381, PSY 150A1.

PSY 481: Psychopathology (3 units)

Description: In-depth study of current theoretical and research formulations in psychological disorders; various approaches to behavior change.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 481

Co-convened with: PSY 581

Course typically offered:

Main Campus: Spring

Recommendations and additional information: PSY 290A or PSY 290B; PSY 381.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 483A: Developmental Psychopathology (3 units)

Description: This course is designed to provide students with an introduction to the field of Developmental Psychopathology. Developmental Psychopathology is an approach to studying psychopathology in different stages of development, with a special focus on factors that contribute to the emergence of psychopathology and factors that protect against the emergence of psychopathology.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 583A

Course typically offered:

Main Campus: Spring

Recommendations and additional information: PSY 290A, PSY 381.

PSY 484: Advanced Health Psychology (3 units)

Description: Current research and theory concerning psychological contributions to health maintenance, illness prevention and treatment, and the organization of health services.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Repeatable: Course can be repeated a maximum of 2 times.

Co-convened with: PSY 584

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B.

Writing Emphasis: Writing Emphasis Course

PSY 485: Psychoneuroimmunology (3 units)

Description: Introduce students to the field of psychoneuroimmunology and help them develop the conceptual and methodological skills necessary for interpreting research in this area.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: PSY 585

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 486A: Ethical & Legal Dilemmas in Psychology (3 units)

Description: Ethical and legal dilemmas arising in psychology are complex and rarely is there one solid "right" answer. The purpose of this course is to provide a framework for reasoning through ethical dilemmas and documenting your reasoning processes. Dilemmas arising with adults and children in various contexts (research, mental health services, group homes, summer camps, preschools, offender treatment, etc.) will be considered.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 486A

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 101 or PSY 150A1. Open to Junior & Seniors.

PSY 489: History and Systems of Psychology (3 units)

Description: Development of the discipline of psychology, primarily in the last hundred years, examined in the context of significant events occurring in society and in other disciplines. Discussion and critical evaluation of psychology as a profession and a science and of the major schools of thought: structuralism, functionalism, associationism, behaviorism, Gestalt psychology, psychoanalysis, and cognitive psychology.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: PSYV 489

Course typically offered:

Main Campus: Fall, Spring

PSY 491: Preceptorship (1 - 3 units)

Description: Specialized work on an individual basis, consisting of instruction and practice in actual service in a department, program, or discipline. Teaching formats may include seminars, in-depth studies, laboratory work and patient study.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Course instructor consent required for registration.

Student Engagement Activity: Leadership

Student Engagement Competency: Interdisciplinarity

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 492: Directed Research (1 - 6 units)

Description: Directed Research Course is designed for students to complete an individual or small group research project under the guidance of a faculty member. Under the directed supervision of their faculty mentor, students either assist with on-going research that is being conducted by their faculty mentor, or they create their own independent projects under their mentor's guidance.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Student Engagement Activity: Discovery

Student Engagement Competency: Innovation and Creativity

PSY 493: Internship (1 - 6 units)

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment. Such work must be approved and supervised by a psychology faculty member.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Student Engagement Activity: Community Partnership

Student Engagement Competency: Civic and Community

PSY 493L: Legislative Internship (1 - 12 units)

Description: Working experience at the Arizona State Legislature; responsibilities draw upon student's area of major expertise and include preparing written and oral reports, summarizing legislative proposals, and providing information to legislators and legislative committees. Legislative Internships are offered by a variety of departments. Please see individual departmental listings.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 494: Practicum (1 - 3 units)

Description: The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PSY 496A: Topics in Social Psychology (3 units)

Description: In-depth coverage of selected topics in social psychology.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Repeatable: Course can be repeated a maximum of 4 times.

Equivalent to: PHIL 496A, PSYV 496A

Co-convened with: PSY 596A

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 230.

Writing Emphasis: Writing Emphasis Course

PSY 496F: Cognitive Psychology (3 units)

Description: Investigation of research and ideas on a specialized topic within cognitive psychology, including the psychology of language, visual perception and memory, decision, and learning. The discussion and exchange of scholarly information in a small group setting, papers and student presentations. This is a writing emphasis course.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Repeatable: Course can be repeated a maximum of 2 times.

Equivalent to: LING 496F, MAP 496F, MGMT 496F, PHIL 496F

Co-convened with: PSY 596F

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 496H: Honors Seminar (3 units)

Description: Rotating topics seminar. Psychology honors students are required to take PSYC 496H twice. A graduate seminar can be substituted for one or both 496H seminars.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Repeatable: Course can be repeated a maximum of 3 times.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A or PSY 290B.

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

Writing Emphasis: Writing Emphasis Course

PSY 496L: Introduction to Neural Data Analyses (3 units)

Description: This course will cover the basic methods available for the analyses of single unit and multi units spike data. Several measures of neural activity will be discussed, and illustrated on the basis of actual and simulated neural data. Knowledge of Matlab is required, knowledge of basic neurobiology is recommended.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Co-convened with: PSY 596L

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 230, PSY 290A, PSY 297A; PSY 101 or PSY 150A1.

PSY 497C: Introduction to Computer Programming for Non-programmers (3 units)

Description: This class is designed for students who have no or little experience with computer programming, and is geared toward life science and psychology majors. Students will use the Matlab programming environment and learn to write basic data analyses programs, to set up graphic display of data and analysis results and to manage inputs and outputs to files. This course is hands on, and the emphasis is on one dimensional (sequences) data.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Co-convened with: PSY 597C

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 498: Senior Capstone (1 - 3 units)

Description: A culminating experience for majors involving a substantive project that demonstrates a synthesis of learning accumulated in the major, including broadly comprehensive knowledge of the discipline and its methodologies. Senior standing required.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 2 times.

Equivalent to: PSYV 498

Course typically offered:

Main Campus: Fall, Spring

Student Engagement Activity: Discovery

Student Engagement Competency: Innovation and Creativity

PSY 498H: Honors Thesis (3 units)

Description: An honors thesis is required of all the students graduating with honors. Students ordinarily sign up for this course as a two-semester sequence. The first semester the student performs research under the supervision of a faculty member; the second semester the student writes an honors thesis.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated for a maximum of 9 units.

Equivalent to: PSYV 498H

Course typically offered:

Main Campus: Fall, Spring

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

Student Engagement Activity: Discovery

Student Engagement Competency: Innovation and Creativity

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 499: Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. See Psychology faculty for research related opportunities.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Student Engagement Activity: Discovery

Student Engagement Competency: Innovation and Creativity

PSY 499H: Honors Independent Study (1 - 3 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. See Psychology faculty for research related opportunities.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

Student Engagement Activity: Discovery

Student Engagement Competency: Innovation and Creativity

PSY 500A: Current Issues in Psychological Theory and Research (3 units)

Description: Intensive examination of a range of content areas addressed in contemporary psychological theory and research.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Open to psychology graduate students only.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 501A: Principles of Psychophysiology (3 units)

Description: Overview, principles, theory, and applications of physiological assessment; an introduction to theory and research in major areas of human psychophysiology with a particular emphasis on psychophysiological correlates and physiological substrates of cognition, affect, and psychopathology. May be taken alone or concurrently with 401B. Graduate-level requirements include a more comprehensive literature review.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 401A

Course typically offered:

Main Campus: Spring

PSY 501B: Psychophysiology Laboratory (1 unit)

Description: Provides a pragmatic "hands-on" experience in psychophysiological recording and analysis. Involves learning all facets of psychophysiological signal acquisition and analysis. Graduate-level requirements include more sophisticated data analysis and statistics.

Grading basis: Regular Grades

Career: Graduate

Course Components: Laboratory Required

Course typically offered:

Main Campus: Spring

PSY 502: Principles of Neuroanatomy (4 units)

Description: Cellular elements and recognized subsystems of the mammalian nervous system, with emphasis on general principles of neuroanatomical organization and their functional significance.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: CMM 502, NRSC 502, PSIO 502, SLHS 502

Course typically offered:

Main Campus: Spring

Interdisciplinary Interest Area: NRSC - Neuroscience Grad Prog

Interdisciplinary Interest Area: SLHS - Speech Lang & Hearing

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 503C: Introduction to Computational Neuroscience (3 units)

Description: This course covers the basic simulation techniques for biophysical modeling. Topics include: single and multi compartmental models, intrinsic neuron properties and dendritic integration and large networks of biophysical neurons with realistic stochastic synaptic transmission. Graduate-level requirements include a term project, including hands on simulation and research-level literature searches. Projects will include the analyses of real data.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: EIS 503C

Co-convened with: PSY 403C

Course typically offered:

Main Campus: Fall, Spring

PSY 504A: Human Brain-Behavior Relationships (3 units)

Description: Human brain functions in relation to intelligence, speech, memory, judgment and reasoning, and visual-spatial abilities; methods of examination of human brain functioning in relation to individual differences in both normal and brain-damaged persons.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 290A, PSY 302, PSY 502. Open to majors only. Concurrent enrollment in PSY 504A required.

PSY 504B: Clinical Neuropsychology Practice: Evaluation of the Older Adult (3 units)

Description: Cognitive and affective sequelae of human central nervous system disease/damage, with an emphasis on clinical assessment and case management of the older adult. This course is designed as part of a course sequence following PSY 504A, Human Brain and Behavior Relationships, and should be taken in a subsequent semester, or with the permission of the instructor.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Completion of PSY 504A or with permission of instructor.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 506A: Neural Encoding, Memory, and Computation in the Mammalian Brain (3 units)

Description: Theoretical principles and biological mechanisms by which information is represented, categorized, stored, and recalled in specific central nervous system (CNS) circuits in the course of adaptive behavior. Graduate-level requirements include an in-depth research paper on a single aspect of neural encoding.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: NRSC 506A

Co-convened with: PSY 406A

Course typically offered:

Main Campus: Spring

Recommendations and additional information: PSY 507B.

Interdisciplinary Interest Area: NRSC - Neuroscience Grad Prog

PSY 506B: Foundations of Cognitive Psychology (3 units)

Description: This course covers the main topic areas of cognitive psychology. Current research in each area will be presented in the context of historical background and foundational issues.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

PSY 507A: Statistical Methods in Psychological Research (3 units)

Description: Statistical research design, methods and metascience. Variants and extensions of the general linear model including bivariate and multiple regression, analysis of variance and covariance, planned orthogonal contrasts and multiple comparisons, simultaneous and sequential canonical correlation analysis, discriminant function analysis and multivariate analysis of variance.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

Recommendations and additional information: PSYC 510 or PSY 510, EDP 541, or equivalent. Alternatively, students may opt to take a screening exam to place out of these requirements.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 507B: Statistical Methods in Psychological Research (3 units)

Description: Statistical research design, methods and metascience. Application of the structural equations modeling to manifest variable (path analysis) and latent variable (multivariate) causal analysis, confirmatory and exploratory factor analysis, and hierarchical (variance component) linear models, including generalizability theory, meta-analytic, and growth curve parameter models.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Laboratory	May Be Offered
	Lecture	Required

Course typically offered:

Main Campus: Fall

Recommendations and additional information: PSY 507A.

PSY 507C: Research Design & Analysis of Variance (3 units)

Description: This course provides an overview of research design and statistical analysis with a special focus on Analysis of Variance. Various designs including between subjects, repeated measures, mixed, hierarchical and Latin Square designs are covered. Other topics addressed are contrasts among means and trends analysis.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 510.

PSY 508: Methods for Field Research (3 units)

Description: Research problems and methods particularly relevant to field research. The logic of inquiry and approaches to data analysis appropriate to field trials and quasi-experimental research.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: SLAT 508

Also offered as: SLAT 508

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 509: The Psycholinguistics of Writing Systems (3 units)

Description: This course presents information on how vision, language comprehension and motor behaviors have constrained and shaped the evolution of writing systems. The course includes three segments: (1) a review of writing in pre-history, the early evolution of symbol systems, the Greco-Roman alphabet, script writing; (2) a review of the visual and auditory processes that influence writing systems, particularly the alphabet, the shape of letters and spelling conventions; (3) printing since Gutenberg, the evolution of fonts, punctuation, formatting conventions, and modern techniques for presenting text. A thread throughout the course is the impact of different stages of writing technology on society and individuals. Graduate-level requirements include additional readings and an extra 25 page research paper.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: PSY 509

Also offered as: LING 509

Co-convened with: PSY 409

Course typically offered:

Main Campus: Fall

Home department: Linguistics

PSY 510: Statistics Fundamentals (4 units)

Description: Description of data, re-expression of data, measures of central tendency and variability, experimental design, t-tests, analysis of variance, missing data, correlation, multiple regression, tests of assumptions, and nonparametric techniques

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
	Workshop	May Be Offered

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Graduate standing in psychology.

PSY 511: Animal Behavior (3 units)

Description: Systematic study of animal behavior. Analysis of environmental and genetic determinants of behavior, special behavioral adaptations in animals, and sociobiological concepts. Graduate-level requirements include an in-depth research paper on a single aspect of animal behavior.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 411

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 512: Animal Learning (3 units)

Description: Animal learning with emphasis on interspecies comparisons. Graduate-level requirements include an in-depth research paper on an aspect of animal learning.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 412

PSY 513: Drugs, Brain and Behavior (3 units)

Description: Physiological, neurotoxic and behavioral effects of drugs on individual neurotransmitter systems in the brain. Special emphasis will be given to the historical use and political significance of the major drugs of abuse. Graduate-level requirements include an additional term paper pertinent to the course topic.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 413

Course typically offered:

Main Campus: Fall, Spring

PSY 515: The Design of the Mind: Genes, Adaptation, and Behavior (3 units)

Description: Part I: Basic mechanisms of behavioral evolution, genetics, and natural selection, as well as other factors impinging on the evolutionary process. Part II: Historical approaches that converge upon the broadly defined research program of behavioral evolution, theoretical perspectives, and empirical contributions made by each of these approaches, and current controversies in the field, framed as a single integrated area of study in which multiple approaches and perspectives can contribute to a comprehensive understanding. Graduate-level requirements include in-class oral presentations.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: FSHD 515

Co-convened with: PSY 415

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 524: Gerontology: A Multidisciplinary Perspective (3 units)

Description: Biological, psychological, and social issues in aging, including brain changes with age, cognitive change with age, and the social impact of increasingly older population demographics. Graduate-level requirements include an in-depth research paper on a single aspect of gerontology.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: HPS 524

Co-convened with: PSY 424

Course typically offered:

Main Campus: Fall

Interdisciplinary Interest Area: NRSC - Neuroscience Grad Prog

PSY 526: Advanced Human Memory (3 units)

Description: Examines the processing systems that underlie human learning, memory and cognition; emphasizing cognitive, neuroscientific and computational approaches to research and theory. Graduate-level requirements include an in-depth research paper on human memory and cognition.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 426

Course typically offered:

Main Campus: Spring

PSY 528: Cognitive Neuroscience (3 units)

Description: Recent advances in analysis of the neural bases of cognitive functions, such as learning, memory, and thinking.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Repeatable: Course can be repeated a maximum of 3 times.

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 530: Neural Basis of Language (3 units)

Description: The neural basis of language comprehension and production, with reference to its relationship to other perceptual, cognitive and motor skills.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: NRSC 530

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Graduate status.

Interdisciplinary Interest Area: NRSC - Neuroscience Grad Prog

PSY 531: Primate Sexuality (3 units)

Description: Human sexuality is explored through discussing the evolution of non-human primate anatomy, physiology, and behavior. Topics include comparative reproductive anatomy and reproductive health, mating strategies, mate choice, parenting and parental investment, and socioendocrinology (the study of behavior-hormone relationships).

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: ANTH 531, ECOL 531, FCSC 531

Co-convened with: PSY 431

Course typically offered:

Main Campus: Spring

Home department: School of Anthropology

PSY 532: Psychology of Language (3 units)

Description: Introduction to language processing. The psychological processes involved in the comprehension and production of sounds, words, and sentences. Other topics may include language breakdown and acquisition, brain and language, and bilingual processing. Graduate-level requirements include more extensive readings and writing.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: PHIL 532, PSY 532

Also offered as: LING 532, PHIL 532

Co-convened with: PSY 432

Course typically offered:

Main Campus: Fall, Spring

Home department: Linguistics

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 533: Theories of Language Development (3 units)

Description: This course focuses on the major theories of language development, including nativism and various forms of learning. Students read and discuss primary source material written by linguists, psychologists, and other cognitive scientists who work in the field of language acquisition.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Equivalent to: PSY 533

Also offered as: LING 533

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Students are expected to have some background in linguistics or psychology.

Home department: Linguistics

PSY 534: Perceptual Learning and Adaptation (3 units)

Description: This course will look at how experience affects perception and address theoretical issues such as whether or not perceptual learning is a unique form of learning and whether a single theory of perceptual learning can account for all phenomena. Sample phenomena include changing the perceived location of an object, making the perception of an object's color contingent on its orientation, and learning to discriminate between very similar looking objects.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Graduate student in the Psychology department.

PSY 536: Visual Cognition (3 units)

Description: Recent advances in the area of visual perception, attention and memory. Rotating topics.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Repeatable: Course can be repeated a maximum of 3 times.

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 538: Computational Linguistics (3 units)

Description: Fundamentals of formal language theory; syntactic and semantic processing; the place of world knowledge in natural language processing. Graduate-level requirements include a greater number of assignments and a higher level of performance.

Grading basis: Regular Grades

Career: Graduate

Course Components: Laboratory May Be Offered
Lecture Required

Equivalent to: CSC 538, PSY 538

Also offered as: CSC 538, LING 538

Co-convened with: PSY 438

Course typically offered:

Main Campus: Fall

Home department: Linguistics

PSY 540: The Bilingual Mind (3 units)

Description: This course surveys bilingualism from a variety of perspectives: linguistic, cognitive, social, and instructional, and addresses such questions as: Do bilingual speakers turn off one language while they speak the other? Does acquiring two languages affect children's academic performance? Are the two languages completely separate or mixed together in the bilingual mind (and brain)? What is the best way to learn a second language? Graduate-level requirements include completing all assignments, writing up a 10-page proposal for an experiment and presenting it (in a 10-15 minute presentation) to the class.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: LING 540

Co-convened with: PSY 440

Course typically offered:

Main Campus: Spring

Recommendations and additional information: LING 201 or LING 111 or PSY 325 or PSY 360.

Home department: Linguistics

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 542: Topics in Psycholinguistics (3 units)

Description: Recent advances in the area of psycholinguistics, with an emphasis on sentence processing and the contribution of linguistic theory to an understanding of psychological mechanisms.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: LING 542, SLAT 542

Also offered as: LING 542, SLAT 542

Course typically offered:

Main Campus: Fall

PSY 543: Advanced Language Development (3 units)

Description: Current theory and data on first language acquisition with special focus on research that relates linguistic theory and learnability theory to empirical studies of children's linguistic abilities. Requirements include a written paper on a subject pertinent to topic area.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: LING 543

Course typically offered:

Main Campus: Fall, Spring

Home department: Linguistics

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 544A: Computational Cognitive Neuroscience (4 units)

Description: This course introduces you to the field of computational cognitive neuroscience for understanding how the brain secretes the mind. We focus on simulations of cognitive and perceptual processes, using neural network models that bridge the gap between biology and behavior. We first consider the basic biological and computational properties of individual neurons and networks of neurons, followed by learning mechanisms that allow networks to be adaptive and to perform reasonably complex tasks. We examine a range of cognitive phenomena within this framework, including attention, memory, language and higher-level cognition. The class includes a lab component in which students get hands on experience with graphical neural network software (no programming experience needed), allowing deeper, more intuitive appreciation for how these systems work. Graduate-level requirements include graduate students to work by themselves for the final project, and generate a new model from scratch to answer their question. They will be responsible for more homework questions.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Laboratory	May Be Offered
	Lecture	Required

Also offered as: PHIL 544A

Co-convened with: PSY 444A

Course typically offered:

Main Campus: Fall, Spring

Interdisciplinary Interest Area: NRSC - Neuroscience Grad Prog

PSY 547: Psychology of Values and Preferences (3 units)

Description: Variable content (consult schedule): learning, cognition, perception, psycholinguistics, emotion, others. Graduate-level requirements include an in-depth research paper on an aspect of cognitive and affective bases of behavior.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Co-convened with: PSY 447

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 549A: Bilingualism (3 units)

Description: Bilingualism is the study of language from the perspectives of neurolinguistics, psycholinguistics and philosophy of mind and evolutionary theory. Topics include language pathology, language genetics, language evolution and language from the perspective of the laws of form. Graduate-level requirements include an extra paper and more in depth readings and presentations.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: COGS 549A, PHIL 549A, PSY 549A

Also offered as: COGS 549A, LING 549A, PHIL 549A

Co-convened with: PSY 449A

Course typically offered:

Main Campus: Spring

Home department: Linguistics

PSY 557: The Psychology of Happiness (3 units)

Description: The course consists of an introduction and exploration of the new branch of positive psychology founded by Martin Seligman and others. Students will read from the five researchers in the field, do literature searches of related topics and write up their own experiences. Class discussion and writing are the major emphases of the seminar. Graduate-level requirements include an in-depth research paper on an aspect of Positive Psychology.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: PSYV 557

Co-convened with: PSY 457

Course typically offered:

Main Campus: Fall, Spring

PSY 558: Violence and Youth (3 units)

Description: Explores the etiology of youth violence from developmental and socio-cultural perspectives, the influence of societal factors such as media, guns, and gangs on violence among youth. Graduate-level requirements include a research paper.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: FS 558, FSHV 558, FSHV 558, PSYV 558

Also offered as: FSHD 558

Co-convened with: PSY 458

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 559: Adult Development and Aging (3 units)

Description: Change and continuity in cognition, personality, and adjustment during adulthood, with emphasis on aging processes and late life. Graduate-level requirements include an in-depth research paper on an aspect of a specific psychological problem of the aged.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: GERO 559

Also offered as: GERO 559

Co-convened with: PSY 459

Course typically offered:

Main Campus: Spring

PSY 560: Advanced Social Psychology (3 units)

Description: Examines social psychology topics covered in PSYC 360 in more detail. The advanced course offers an in-depth analysis of the theories and methodologies used by social psychologists to investigate social behavior. Graduate-level requirements include broad surveys of theories and research concerning core topics in social psychology.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 460

Course typically offered:

Main Campus: Fall, Spring

PSY 563: Forensic Assessment: Intervention and Treatment (3 units)

Description: Forensic assessment areas including criminal, civil, juvenile and family will be discussed in detail. Relevant legal, clinical, and social research methods are reviewed. Ethical and legal issues in clinical testimony will also be discussed. Graduate-level requirements include a different grading system for class participation and exams.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: LAW 563

Co-convened with: PSY 463

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Consent of instructor.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 564: Methods for Psychosocial Research (3 units)

Description: Logic of inquiry and issues of philosophy of science as they apply to psychosocial research. Problems encountered by researchers in personality, family studies, social and clinical psychology, and creative approaches to their data analysis and methodological design resolutions.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: FS 564

Course typically offered:

Main Campus: Spring

PSY 568: The Psychology of Intimate Relationships (3 units)

Description: The scientific study of intimate relationships has grown dramatically over the last several decades, and is one of the few truly interdisciplinary sciences. The purpose of this course is to introduce you to the rich and diverse field of relationship research. You will learn the guiding theories framing this literature, the unique research methods employed in the scientific study of relationships, and the seminal and often surprising findings that have emerged from this research. My goal is not for you to simply read about research studies and interesting case examples, but for you to be able to think critically and thoughtfully about the topics we discuss. My hope is that you will truly enjoy the material we discuss in class, and that you will come to appreciate that "the study of intimate relationships is now a fully-fledged topic of profound importance in the social sciences" (Karney & Bradbury, 2010, p. xvi). In terms of skill development, my goals are for you to: (a) learn to think critically about research and theories of intimate relationships; (b) be able to place specific articles and ideas within the broader context of a body of literature; and (c) be able to express those ideas orally and in written form. The course will be structured in the following way: - Weeks 1-3: Foundations of intimate relationship research - Weeks 4-7: Key domains of intimate relationships - Weeks 8-9: Couple therapy- Weeks 10-15: Emerging directions in relationship research - Week 16: Intimate partner violence Graduate level requirements include additional peer reviewed journal article readings, weekly reaction papers, and a longer final paper than required for undergraduate students.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 468

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

Description: This course examines the extensive diversity of the living primates, including aspects of their behavior and ecology, with emphasis on natural history and adaptation to the environment. The course begins with an introduction to the primates, their evolution, taxonomy, and adaptations, and then delves into the ways in which individuals interact with each other as well as ecological factors, to yield the various societies and strategies we see among primates in nature. We will also consider how our studying of living primates can help us gain insight into human adaptation and behavior. Graduate-level requirements include a 15-20 page research paper instead of an 8-10 page paper, and in-class presentation.

Career: Graduate

Also offered as: ANTH 570

Co-convened with: PSY 470

Course typically offered:

Main Campus: Fall

PSY 571: Behavior and Health (3 units)

Description: This course is focused on the relationships between psychological and physical functioning, i.e., the interplay between emotion, cognition, behavior, and the health/dysfunction of body systems. The course covers: 1) an introduction to different models of the pathways linking psychological and physical functioning; 2) the mechanisms by which psychological processes affect physical health (including the role of stress/emotion, health-related behaviors, and illness-related behaviors); 3) the psychosocial aspects of common medical illnesses; and 4) empirically-supported approaches to health-related assessment and intervention. Graduate-level requirements include an additional paper describing a research proposal integrating a topic/method covered in class with the student's own field of study.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 471

Course typically offered:

Main Campus: Spring

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 573: Stress, Coping, and Health/Performance (3 units)

Description: Graduate-level requirements include an extra term paper, and a project in connection with another student.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 473

Course typically offered:

Main Campus: Fall, Spring

PSY 578: Sleep and Sleep Disorders (3 units)

Description: Topics include sleep-wake rhythms, sleep deprivation, dreams, and the diagnosis and treatment of sleep disorders. Graduate-level requirements include a critical review of the research literature of a relevant topic.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 478

Course typically offered:

Main Campus: Fall, Spring

PSY 581: Psychopathology (3 units)

Description: In-depth study of current theoretical and research formulations in psychological disorders; various approaches to behavior change. Graduate-level requirements include an in-depth research paper on psychopathology.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
---------------------------	---------	----------

Co-convened with: PSY 481

Course typically offered:

Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 582: Advanced Psychopathology (3 units)

Description: Advanced survey of current theory and research in symptoms, causes and treatment of the major psychological disorders.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to psychology graduate students and by consent of instructor for all other graduate students.

PSY 583A: Developmental Psychopathology (3 units)

Description: This course is designed to provide students with an introduction to the field of Developmental Psychopathology. Developmental Psychopathology is an approach to studying psychopathology in different stages of development, with a special focus on factors that contribute to the emergence of psychopathology and factors that protect against the emergence of psychopathology. Graduate-level requirements include a term paper (literature review) in addition to two exams and a project/presentation (with no opportunity for extra credit).

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: FSHD 583A

Course typically offered:

Main Campus: Fall, Spring

PSY 584: Advanced Health Psychology (3 units)

Description: Current research and theory concerning psychological contributions to health maintenance, illness prevention and treatment, and the organization of health services. Graduate-level requirements include an additional paper pertaining to the course topic.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Repeatable: Course can be repeated a maximum of 2 times.

Co-convened with: PSY 484

Course typically offered:

Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 585: Psychoneuroimmunology (3 units)

Description: Introduce students to the field of psychoneuroimmunology and help them develop the conceptual and methodological skills necessary for interpreting research in this area.

Graduate-level requirements include completion of a Written Research Proposal 10-12 pages in length and follow the format for research grants at NIH.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 485

Course typically offered:

Main Campus: Fall

PSY 586B: Ethical Issues in Psychology (3 units)

Description: The purpose of this course is to consider role of ethics in psychological practice and psychological science. It will provide a framework for reasoning through ethical dilemmas using moral, philosophical, psychological and legal standards. The goal is for students to be able to develop defensible moral and ethical analyses of ethical dilemmas that commonly arise in psychology. Areas covered include selected theories of moral philosophy, the five broad moral principles, the American Psychological Association (APA) Ethical Principles and Codes of Conduct for Psychologists and applicable state and federal law.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to psychology graduates only or consent of instructor.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 587: Foundations in Health Psychology (3 units)

Description: This graduate seminar represents an overview of the core topics in health psychology. The course emphasizes the biopsychosocial model of understanding health and illness. Through class lectures, readings, and discussions, students will learn how characteristics of persons (e.g., personality, behavior, coping, biological reactivity) and their environments (e.g., stress, social support, poverty) influence health outcomes at the individual and population level. Health psychology is a large, interdisciplinary, multidisciplinary, and somewhat fragmented field, so the course will be selective in its coverage. Through course assignments students will have an opportunity to learn about research and theory within the field that is more tailored to personal interests. The course is organized into 3 principle domains: 1) Health behaviors, disease risk, and prevention, 2) Stress and physiological pathways, and 3) Adjustment to illness and disease.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

PSY 588: Behavioral Medicine Interventions (3 units)

Description: "Behavioral Medicine refers to the interdisciplinary field concerned with the development and integration of behavioral, psychosocial, and biomedical science knowledge and techniques relevant to the understanding of health and illness, and the application of this knowledge and these techniques to prevention, diagnosis, treatment and rehabilitation" (Society of Behavioral Medicine). For the psychologist, the goals in behavioral medicine are the same as in any other setting - optimize patient coping. Coping difficulties among medical populations also produce similar symptom outcomes such as anxiety, anger, and depression. By this point in your training you already have tools for addressing these conditions. However, it is important to understand the unique challenges that medical patients face that produce these outcomes. In addition, the medical environment confers unique constraints that must be considered in order to effectively deliver your treatments, maximize your professionalism, and help your patients. This specific type of work is generally referred to as Consultation Liaison, something we will spend a great deal of time on in this course. The purpose of this course is twofold: 1) to review the science behind intervention needs and strategies with medical populations, and 2) to prepare you for working in the primary care medical environment.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 589: History and Systems of Psychology (3 units)

Description: Graduate-level requirements include an in-depth research paper on an aspect of history of psychology.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: PSY 489

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Psychology graduate students only.

PSY 594: Practicum (1 - 3 units)

Description: The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PSY 595A: Cognition and Neural Systems Colloquium (1 unit)

Description: The goal of this course is to teach students how to effectively communicate their research in formal scientific presentations.

Grading basis: Regular Grades

Career: Graduate

Course Components: Colloquium Required

Course typically offered:

Main Campus: Fall, Spring

Field trip: None.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 596: Lifespan Cognitive Development (3 units)

Description: This course will overview lifespan changes in cognitive development, with a particular emphasis on memory as a developmental subfield. In this context, we will overview key developments in memory process, methods of measuring learning and memory in infants, lifespan transitions in memory and learning through later adulthood, fundamental debates about the nature of these processes, and major guiding theories of developmental psychology, including cognitive and social-emotional perspectives. A portion of the course will also cover the causes and consequences of fractured memory development, including acquired lesions, childhood trauma and stress exposure, and neurodevelopmental disorders, such as autism.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Course typically offered:

Main Campus: Fall, Spring

PSY 596A: Topics in Social Psychology (3 units)

Description: In-depth coverage of selected topics in social psychology. Graduate-level requirements include an in-depth study of selected topics in social psychology.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated a maximum of 4 times.

Co-convened with: PSY 496A

Course typically offered:

Main Campus: Fall, Spring

PSY 596E: Biopsychology (3 units)

Description: Topics will focus on three major areas - the visual system, learning and memory, and cognition. The series takes a comparative approach, considering brain and behavioral mechanisms in insects, birds, rodents, non-human primates and people, discussing the neural substrates of behavior as assessed by various methodologies: ethnology - neuronal activity in behaving animals - brain imaging studies in people - studies of the effects of brain damage.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Also offered as: NRSC 596E

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 596F: Cognitive Psychology (3 units)

Description: Investigation of research and ideas on a specialized topic within cognitive psychology, including the psychology of language, visual perception and cognitive memory, decision, and learning. The discussion and exchange of scholarly information in a small group setting, papers and student presentations.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Also offered as: BIOC 596F, CMM 596F, LING 596F, MGMT 596F

Co-convened with: PSY 496F

Course typically offered:

Main Campus: Fall, Spring

PSY 596G: Clinical Psychology (3 units)

Description: The development and exchange of scholarly information, usually in a small group setting. The scope of work shall consist of research by course registrants, with the exchange of the results of such research through discussion, reports, and/or papers.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall

PSY 596H: Law, Psychology and Policy (3 units)

Description: Special topics seminar focused on the development and exchange of scholarly information by course registrants working individually or as a group.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated a maximum of 99 times.

Equivalent to: LAW 596H

Also offered as: LAW 596H

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 596I: Quantitative Methods (3 units)

Description: Synthesis of methodological issues in assessing research proposals and products. Problems of measurement, research design, data analysis, causal inference, and representation of results need all to be resolved in formulating research problems and in determining the legitimacy of conclusions and the usefulness of recommendations based on them.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall, Spring

PSY 596L: Introduction to Neural Data Analyses (3 units)

Description: This course will cover the basic methods available for the analyses of single unit and multi units spike data. Several measures of neural activity will be discussed, and illustrated on the basis of actual and simulated neural data. Knowledge of Matlab is required, knowledge of basic neurobiology is recommended. Graduate-level requirements include an additional paper.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Co-convened with: PSY 496L

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 596P: Social Cognition and Criminal Law (3 units)

Description: As the title suggests, this seminar examines linkages of social cognition and criminal jurisprudence and law, building primarily upon scholarly disciplines of psychology, law, philosophy, psychiatry, and public policy. This seminar attends to issues of how legal theory and philosophy in criminal law may be informed by social cognitive science. In addition, although secondary, this seminar addresses how social cognitive psychology may be guided by developments in criminal law. Literatures from social, developmental, cognitive, and clinical psychology, psychiatry, sociology, criminology, and legal philosophy/jurisprudence, will be drawn from, and students will read important criminal law cases, as well. Some topics are: constructions of mens rea, free will, criminal culpability, diminished capacity and responsibility, affirmative defenses, retributive versus liberal constructions of juvenile justice, competence to stand trial, social development, decision making, and extra cognitive and contextual factors in criminogenic information processing. Class discussion is strongly emphasized; students will give an oral presentation and submit a final research paper. This seminar is open to law students and all graduate students (including, but not limited to, graduate students in psychology, psychiatry, philosophy, family studies and human development, sociology, and related behavioral science disciplines).

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Equivalent to: LAW 596P

Also offered as: LAW 596P

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to Psychology & Law graduate students. All other graduate students are welcomed to register with the consent of instructor.

PSY 596T: Teaching of Psychology (2 - 3 units)

Description: To stimulate thinking about pedagogical issues that you will need to address either implicitly or explicitly throughout your teaching career (e.g. What are the most important goals of college education? What constitutes effective teaching?). Also, to develop specific skills (e.g. organizational, presentational, problem-solving) that will enhance your effectiveness as a teaching assistant and course instructor.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Course typically offered:

Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 597A: Statistical Model for Psychological Research (1 - 3 units)

Description: The practical application of theoretical learning within a group setting and involving an exchange of ideas and practical methods, skills, and principles.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Spring

Recommendations and additional information: Prerequisite or concurrent registration, PSY 507A, PSY 507B.

PSY 597B: Statistical Model for Psychological Research (1 - 3 units)

Description: The practical application of theoretical learning within a group setting and involving an exchange of ideas and practical methods, skills, and principles.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Prerequisite or concurrent registration, PSY 507A, PSY 507B.

PSY 597C: Introduction to Computer Programming for Non-programmers (3 units)

Description: This class is designed for students who have no or little experience with computer programming, and is geared toward life science and psychology majors. Students will use the Matlab programming environment and learn to write basic data analyses programs, to set up graphic display of data and analysis results and to manage inputs and outputs to files. This course is hands on, and the emphasis is on one dimensional (sequences) data. Graduate-level requirements include additional homework assignments and will be asked to give a presentation and write Matlab code to demonstrate the functionality of selected Matlab toolboxes.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Co-convened with: PSY 497C

Course typically offered:

Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 597G: Graphical Exploratory Data Analysis (3 units)

Description: Explores graphical methods for displaying and understanding data. Topics include displaying data, robust descriptive measures, re-expressing or transforming data, understanding residuals, time-series and growth curves, and using graphical methods in conjunction with hypothesis testing. Enrollees will explore a data set of their own throughout the course.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: PSY 507A.

PSY 597H: Human Neuroanatomy (1 unit)

Description: This course provides an overview of the gross and sectional anatomy of the human brain and is designed to compliment PSY 502, Principles of Neuroanatomy.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Also offered as: CMM 597H, PSIO 597H

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Prerequisite or concurrent registration, PSY 502.

Interdisciplinary Interest Area: NRSC - Neuroscience Grad Prog

Interdisciplinary Interest Area: SLHS - Speech Lang & Hearing

PSY 599: Independent Study (1 - 4 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. Graduate students doing independent work which cannot be classified as actual research will register for credit under course number 599, 699, or 799.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 621: Clinical Assessment Methods (3 units)

Description: Theory and practice in interview techniques and cognitive and personality assessment.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Open to majors only.

PSY 625A: Psychosocial Interventions (1 - 4 units)

Description: Introduction to psychotherapy and psychotherapy research. Principles of behavior therapy. Marital and family therapy.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

Recommendations and additional information: Graduate status.

PSY 625B: Psychosocial Interventions (3 units)

Description: Issues of therapy integration and factors common to all treatments.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Graduate status.

PSY 694: Practicum (1 - 3 units)

Description: The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 694A: Clinical interview and Assessments (2 units)

Description: The focus of the assessment practicum is on learning to administer and interpret clinical assessment tools. Supervised assessments are an integral part of the course, as is report writing. Prior to learning specific instruments, some discussion of the development and validation of the specific assessment instruments is provided. This course open only to Clinical Psychology graduate students.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated for a maximum of 6 units.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to clinical psychology students only.

PSY 694B: Psychotherapy (2 units)

Description: The Psychosocial Intervention Practicum is intended to provide advanced students in the doctoral program in clinical psychology with introductory training in the applied dimensions of psychotherapeutic interventions. The practicum uses a primarily cognitive behavioral therapy framework for course instruction, but students are exposed to a range of intervention techniques. In addition to a weekly seminar meeting, students provide outpatient psychotherapy services to a small number of clients in the Psychology Department Clinic.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to clinical psychology students only.

PSY 694C: Advanced Psychotherapy (1 unit)

Description: The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 6 times.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to clinical psychology students only.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 694D: Clinical Neuropsychology (1 - 3 units)

Description: This clinical neuropsychology practicum intended to provide the advanced clinical psychology graduate student with practical instruction and experience in neuropsychological assessment. Students participating in this practicum will receive exposure to a range of neuropsychological assessment problems and instruments, through both classroom presentation and direct clinical assessment experience.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to clinical psychology students only.

PSY 694E: Motivational Interviewing: A Clinical-Research Practicum (3 units)

Description: This practicum will focus on a therapy approach called Motivational Interviewing. In the practicum, students will have readings on the foundations of motivational interviewing, and on the clinical and research aspects of the approach. Each student will learn how to conduct therapy from this perspective, using training tapes, role playing exercises, and supervised experience with a volunteer client. Students will be expected to develop an assessment battery for their client, and to write up a case report of their work with the client as one of the requirements for the course.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to 2nd-year Clinical Psychology students only.

PSY 694F: Couple and Family Therapy Practicum (1 unit)

Description: Clinical graduate students will be trained to conduct couple therapy and supervised closely as they work with their first couple clients. Students will also be introduced to various evidence-based couple, family, child and sex therapies.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Practicum Required

Repeatable: Course can be repeated a maximum of 3 times.

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 696B: Biological Bases of Behavior (1 - 3 units)

Description: This seminar provides a broad introduction to the neuroanatomy and neurophysiology of the human nervous system. It will cover basic neurophysiology, the anatomy of the nervous system, functional neuroanatomy and neurological disorders.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated for a maximum of 3 units.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to clinical psychology graduate students only.

PSY 696C: Cognitive and Affective Bases of Behavior (1 - 3 units)

Description: This seminar is designed to provide clinical graduate students the opportunity to acquire and demonstrate substantial understanding of and competence in the current body of knowledge in cognitive and affective bases of behavior.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated for a maximum of 3 units.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to clinical psychology graduate students only.

PSY 696D: Human Development Across the Life Span (1 - 3 units)

Description: This seminar is designed to provide clinical graduate students the opportunity to acquire and demonstrate substantial understanding of and competence in the current body of knowledge in mainstream Developmental Psychology Across the Life Span. We will cover human development taking a life span approach and discuss topics in child, adolescent, and adult development.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated for a maximum of 3 units.

Equivalent to: COGS 696D, COGS 696D, MAP 696D, MGMT 696D

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to clinical psychology graduate students only.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 696E: Master Seminar in Cognitive Science (3 units)

Description: The development and exchange of scholarly information, usually in a small group setting. The scope of work shall consist of research by course registrants, with the exchange of the results of such research through discussion, reports, and/or papers. Discussion will be lead by local, national, and international experts in the fields that compose Cognitive Science.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated for a maximum of 15 units.

Equivalent to: LING 696E, PHIL 696E, PSY 696E

Also offered as: COGS 696E, LAW 696E, LING 696E, MGMT 696E, PHIL 696E

Course typically offered:

Main Campus: Fall

Home department: Committee on Cognitive Science

PSY 696S: Social Psychological Bases of Behavior (1 - 3 units)

Description: This seminar is designed to provide clinical graduate students the opportunity to acquire and demonstrate substantial understanding of and competence in the current body of knowledge in mainstream Social Psychology. We will cover social psychological theory and research on topics such as social cognition, motivation, attribution, and attraction.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated for a maximum of 3 units.

Course typically offered:

Main Campus: Fall, Spring

Recommendations and additional information: Open to clinical psychology graduate students only.

PSY 697: Psychotherapy Interventions (3 units)

Description: This two-semester workshop is for clinical psychology doctoral students and is an introduction to psychosocial interventions. The Workshop parallels the required two-semester practicum in Psychosocial Intervention Practicum (694B, for 2 credits per semester). Students need not have prior experience working with clients or managing cases on their own, but enrollment is limited to students in the doctoral program in clinical psychology. The core of the workshop provides the didactic information that parallels the clinical work with clients (694B) in the Psychology Department's Behavioral Health Clinic.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 699: Independent Study (1 - 3 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. Graduate students doing independent work which cannot be classified as actual research will register for credit under course number 599, 699, or 799.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PSY 900: Research (1 - 6 units)

Description: Individual research, not related to thesis or dissertation preparation, by graduate students.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PSY 909: Master's Report (1 - 6 units)

Description: Individual study or special project or formal report thereof submitted in lieu of thesis for certain master's degrees.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring, Summer

PSY 910: Thesis (1 - 6 units)

Description: Research for the master's thesis (whether library research, laboratory or field observation or research, artistic creation, or thesis writing). Maximum total credit permitted varies with the major department.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PSY 920: Dissertation (1 - 9 units)

Description: Research for the doctoral dissertation (whether library research, laboratory or field observation or research, artistic creation, or dissertation writing).

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.