

PSYCHOLOGY (PSYC)

PSYC 100 Career Planning for Psychology Majors

Prerequisites: Psychology major or permission

Notes: Pass/No pass only. Students should take this course as early in their studies as possible, even if they have not taken PSYC 181.

Description: Survey of careers frequently sought by psychology majors, and recommendations for course work and experience for attaining students' career goals. Includes departmental, college, and university resources of value to students' educational and career objectives, and preparation for graduate study in psychology and related fields.

Credit Hours: 1

Max credits per semester: 1

Max credits per degree: 1

Format: LEC

PSYC 181 Introduction to Psychology

Description: Introduction to concepts and research in the areas of personality, attitudes, emotion, learning, memory, perception, and physiological bases of behavior. While the course is a prerequisite for all other psychology courses, the content is presented in a manner appropriate for students planning to take only a minimum of courses in psychology.

Credit Hours: 4

Max credits per semester: 4

Max credits per degree: 4

Format: LEC

Prerequisite for: ETHN 310, PSYC 310; GERO 446, GERO 846, PSYC 446; PSYC 263; PSYC 273; PSYC 289; PSYC 350; PSYC 368; PSYC 370; PSYC 380; PSYC 387; PSYC 459

ACE: ACE 6 Social Science

PSYC 181H Honors: Introduction to Psychology

Prerequisites: Good standing in the University Honors Program or by invitation.

Description: Introduction to concepts and research in the areas of personality, attitudes, emotion, learning, memory, perception, and physiological bases of behavior.

Credit Hours: 4

Max credits per semester: 4

Max credits per degree: 4

Format: LEC

Prerequisite for: ETHN 310, PSYC 310; PSYC 263; PSYC 273; PSYC 289; PSYC 350; PSYC 368; PSYC 370; PSYC 380; PSYC 387; PSYC 459

ACE: ACE 6 Social Science

PSYC 189H University Honors Seminar

Prerequisites: Good standing in the University Honors Program or by invitation.

Notes: University Honors Seminar 189H is required of all students in the University Honors Program. Letter grade only.

Description: Topic varies.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

ACE: ACE 6 Social Science

PSYC 263 Introduction to Cognitive Processes

Prerequisites: PSYC 181.

Description: Introduction to the psychological processes involved in pattern recognition, memory, human learning, problem solving, language development, verbal communication, and decision making, as viewed from an information processing standpoint.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

Prerequisite for: PSYC 459; PSYC 460, PSYC 860

PSYC 273 Brain & Behavior

Prerequisites: PSYC 181

Notes: Credit cannot be earned in both PSYC 273 and PSYC 373.

Description: Introduction to concepts and research to understand relations between bodily processes and behavior, with a focus on human brain structure and function.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

Prerequisite for: BIOS 394, PSYC 394; PSYC 456; PSYC 458, PSYC 858; PSYC 464

ACE: ACE 4 Science

PSYC 288 The Psychology of Social Behavior

Description: Social factors influencing the values, attitudes, and behavior of the individual, including language, propaganda leadership, and group identifications.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

ACE: ACE 6 Social Science

PSYC 289 Developmental Psychology

Prerequisites: PSYC 181 or equivalent.

Description: Developmental approaches to human behavior from conception to senescence. Theories, methods, and results of research.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

Prerequisite for: EDPS 362; EDPS 457

PSYC 296 Instructional Assistantship I

Prerequisites: Permission of instructor.

Description: Structured professional experience for training instructor assistants to tutor, evaluate activities, and do other instructional assistance for psychology courses.

Credit Hours: 1-4

Min credits per semester: 1

Max credits per semester: 4

Max credits per degree: 4

Format: PSI

Prerequisite for: PSYC 396; PSYC 496

PSYC 297 Experiential Learning in Psychology I

Prerequisites: Permission.

Notes: P/N only.

Description: Experience within a psychological perspective in a variety of off-campus settings.

Credit Hours: 1-24

Min credits per semester: 1

Max credits per semester: 24

Max credits per degree: 24

Format: IND

PSYC 299 Independent Study in Psychology

Prerequisites: Permission.

Description: Psychological research or reading.

Credit Hours: 1-24

Min credits per semester: 1

Max credits per semester: 24

Max credits per degree: 24

Format: IND

PSYC 310 Psychology of Immigration

Crosslisted with: ETHN 310

Prerequisites: PSYC 181 or permission.

Description: Examines psychological theory and research on the topic of immigration. Includes the impact of immigration on individual development (e.g., socialization, identity formation, acculturation) and family functioning (e.g., intergenerational relations, gender roles), especially as exemplified by the experiences of Latinos from diverse national backgrounds.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 330 Psychology of Diversity

Description: Survey of theory and research on the psychological aspects of ethnicity and racism, gender, sexual orientation, including biological, social, and cultural influences. Causes and nature of prejudice in US society towards minorities and women. Research methods for key topics with these identified groups.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

ACE: ACE 9 Global/Diversity

PSYC 334 Psychology of Environmental Sustainability

Crosslisted with: ENVR 334

Description: Applications of psychological principles to understand human transactions with their environments and find behavior-based solutions to environmental problems.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

ACE: ACE 8 Civic/Ethics/Stewardship

PSYC 350 Research Methods and Data Analysis

Prerequisites: 10 credit hours in Psychology, including PSYC 181

Description: Presentation of basic designs, methods, and data analysis techniques employed in psychological and behavioral research. Critical review of existing research, development of empirical hypotheses, design of research to test those hypotheses, statistical analysis and interpretation, and presentation of results. Create, perform, and present an individual research project.

Credit Hours: 4

Max credits per semester: 4

Max credits per degree: 4

Format: LEC

Prerequisite for: PSYC 440, PSYC 840; PSYC 450, PSYC 850; PSYC 451, PSYC 851; PSYC 459

ACE: ACE 10 Integrated Product

PSYC 365 Addiction

Prerequisites: Junior or Senior standing

Description: Introduction to factors relevant to substance-related disorders including biological, psychological, social, and clinical. Issues in research, theory and practice are considered.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 368 Learning and Motivation

Prerequisites: PSYC 181 or equivalent

Description: Introduction to processes of instrumental and classical conditioning in animals and humans, and to theories of and research on motivation.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

Prerequisite for: PSYC 464

PSYC 370 Evolution, Behavior and Society

Prerequisites: PSYC 181

Description: Application of modern evolutionary theory to contemporary societal problems. Understanding human behaviors such as aggression, parenting and social systems, the role of evolutionary thought in medicine, and evolutionary approaches to cognition and intelligence.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 380 Abnormal Psychology

Prerequisites: PSYC 181 or equivalent

Description: Etiology and development of abnormal behavior, including the constitutional, cultural, and experimental factors; the psychological aspects of the psychoses and neuroses.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 387 The Psychology of Personality**Prerequisites:** PSYC 181 or equivalent.**Description:** Introduction to factors influencing personality and its development; the dynamics of personality adjustment.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 392 Special Topics in Psychology****Prerequisites:** Permission.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 394 Seminar in Behavioral Biology****Crosslisted with:** BIOS 394**Prerequisites:** PSYC 273 or PSYC 373/BIOS 373**Description:** Critical reading and discussion of literature on topics dealing with the biological bases of behavior.**Credit Hours:** 1**Max credits per semester:** 1**Max credits per degree:** 24**Format:** LEC**PSYC 396 Instructional Assistantship II****Prerequisites:** At least 6 hrs of PSYC 296 and permission of instructor.**Description:** Structured professional experience for training instructor assistants to tutor, evaluate activities, and do other instructional assistance for psychology courses.**Credit Hours:** 1-4**Min credits per semester:** 1**Max credits per semester:** 4**Max credits per degree:** 4**Format:** PSI**PSYC 399H Honors Course****Prerequisites:** Permission.**Credit Hours:** 1-4**Min credits per semester:** 1**Max credits per semester:** 4**Max credits per degree:** 4**Format:** IND**PSYC 401 Psychology and Law****Prerequisites:** Junior or Senior standing**Description:** Survey of the relationships between psychology and the law, legal system and legal process. Issues in research, theory, and practice considered.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 421 Psychology of Gender****Crosslisted with:** PSYC 821, WMNS 421, WMNS 821**Prerequisites:** 12 hrs PSYC.**Description:** Theory and research on the role of gender in human behavior and attitudes. Diverse theoretical positions on the development of gender and the biological, social, and cultural bases that influence the relationship between gender and a variety of areas of human experience (e.g., intelligence and achievement, emotion, relationships, sexuality, physical fitness, stress, and coping).**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 425 Psychology of Racism****Crosslisted with:** ETHN 425, PSYC 825**Prerequisites:** PSYC 350.**Description:** Major terms and issues in psychology that pertain to race and racism in the United States. General principles of the psychology of racism that are universal. Psychology of the major racial minority groups in the United States examined through their unique cultures, histories, traditions, and collective identities. Research methods for the psychology of racism reviewed as a basis for interpreting research results.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 428 Health Psychology****Crosslisted with:** PSYC 828**Prerequisites:** Junior or Senior standing.**Description:** The relationship between psychological factors and physical health. Health behavior, health decision-making, health promotion and coping from a variety of theoretical perspectives.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 430 Psychology of Family Violence****Prerequisites:** Junior or Senior standing**Description:** Overview of the multiple forms of family violence through a psychological perspective, including child maltreatment (physical abuse, neglect, sexual abuse, psychological maltreatment), intimate partner violence, sexual assault, and elder abuse. Scope of the problem, etiology, consequences, intervention, prevention, and current controversies are addressed.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 435 Psychology of Terrorism****Description:** Phenomenon of terrorism and related forms of extremist violence, focusing on explaining the formation of terrorist groups and the motivations behind terrorist behavior.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC

PSYC 440 Perspectives in Psychology

Crosslisted with: PSYC 840

Prerequisites: 12 hrs psychology including PSYC 350 or concurrent enrollment in PSYC 350

Description: Currently important fundamental issues in psychology, focusing on controversies within the science of psychology.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 446 Psychology of Adult Development and Aging

Crosslisted with: GERO 446, GERO 846

Prerequisites: PSYC 181 or GERO 200.

Description: Major social and psychological changes that occur as a function of aging. Both normal and abnormal patterns of developmental change including their implications for behavior.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 450 Advanced Research Design and Data Analysis

Crosslisted with: PSYC 850

Prerequisites: PSYC 350 with a grade of B or better

Notes: PSYC 450/850 (usually offered in the fall) and PSYC 451/851 (usually offered in the spring) can be taken in any order.

Description: Presentation of advanced, experimental, quasi-experimental, and non-experimental research designs and statistical models employed in psychological and behavioral research. Factorial ANOVA and ANCOVA designs and analysis, with interpretation and presentation of the results in oral, written, and web-based formats. Create, perform, and present an individual research project.

Credit Hours: 4

Max credits per semester: 4

Max credits per degree: 4

Format: LEC

PSYC 451 Multivariate Research Design and Data Analysis

Crosslisted with: PSYC 851

Prerequisites: PSYC 350 with a grade of B or better

Notes: PSYC 450/850 (usually offered in the fall) and PSYC 451/851 (usually offered in the spring) can be taken in any order.

Description: Presentation of multivariate research designs and statistical models employed in psychological and behavioral research. Analysis using multiple regression and linear discriminant function models; interpretation and presentation of the results in oral, written, and web-based formats. Create, perform, and present an individual research project.

Credit Hours: 4

Max credits per semester: 4

Max credits per degree: 4

Format: LEC

PSYC 456 Developmental Biopsychology

Prerequisites: PSYC 273 or PSYC 373/BIOS 373

Description: Age-related behavioral changes in humans and other animals using genetic, neural, hormonal, and evolutionary concepts and data. Behavioral systems, such as sexual and parental behaviors, aggression, communication, social affiliation, and cognition.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 458 Behavior Genetics

Crosslisted with: PSYC 858

Prerequisites: PSYC 273 OR PSYC 373 OR BIOS 373

Description: Introduction to concepts and research in behavior genetics. The role of heredity in normal and disordered behaviors will be examined, with a special emphasis on the mechanisms by which genetic variation influences individual differences in behavior.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 459 Psychology of Language

Prerequisites: PSYC 181 or equivalent; PSYC 263 and 350.

Description: Introduction to one of the most important human behaviors, language, from the viewpoint of the psychologist.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 460 Human Memory

Crosslisted with: PSYC 860

Prerequisites: PSYC 263

Description: Issues in human memory within the context of cognitive psychology: attention; short and long term memory; retrieval processes; semantic memory; how long-term memory is involved in comprehension and knowledge; how emotion affects memory; and the major research paradigms used in the study of memory.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 461 Animal Learning & Cognition

Crosslisted with: PSYC 861

Prerequisites: Junior or Senior standing

Description: Evaluation and discussion of studies in learning and cognition that draws from the research literature with nonhuman animals.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 462 Motivation and Emotion

Crosslisted with: PSYC 862

Prerequisites: Junior or Senior standing

Description: Major problems and methods involved in the study of motivation and emotion including theoretical considerations.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 463 Perception

Crosslisted with: PSYC 863

Prerequisites: PSYC 263 OR PSYC 273 or PSYC 373 or BIOS 373

Description: Analysis and comparison of approaches to the study of current problems in human perception and information processing. Psychophysical judgment, signal detection theory, perception of form and space, and the role of imagery in perception.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

PSYC 464 Psychoneuropharmacology**Prerequisites:** PSYC 273 or PSYC 368 or PSYC 373 or BIOS 373**Description:** Understanding behavioral and psychological phenomena using pharmacological tools. Topics from neurobiology of receptor functioning to the concerted actions of neural mechanisms that are believed to produce such phenomena as fear and anxiety, substance abuse, and neurological disorders.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 465 Behavioral Neuroscience****Crosslisted with:** BIOS 465, BIOS 865, PSYC 865**Prerequisites:** PSYC 273 or PSYC 373 or BIOS 373**Description:** Relationship of physiological variables to behavior, an introduction to laboratory techniques in neuropsychology.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 466 Attention and Performance****Crosslisted with:** PSYC 866**Prerequisites:** PSYC 263.**Description:** Theory and research on human attention and the critical link between attention and performance within the context of cognitive psychology. The influence of various factors on attention (e.g. emotion, video games, cognitive disorders) and how these influence behavior (e.g. eye movements, perception, motor control, search).**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 471 Human Sexuality and Society****Crosslisted with:** CYAF 471, EDPS 471, SOCI 471, CYAF 871, EDPS 871, PSYC 871, SOCI 871**Prerequisites:** Junior or Senior standing**Notes:** Open to advanced students planning careers in the professions in which knowledge of human behavior and society is important (e.g., helping professions, medicine, law, ministry, education, etc.).**Description:** Interdisciplinary approach to the study of human sexuality in terms of the psychological, social, cultural, anthropological, legal, historical, and physical characteristics of individual sexuality and sex in society.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 483 Advanced Social Psychology****Crosslisted with:** PSYC 883**Prerequisites:** PSYC 288**Description:** Current problems, methods, and findings in the study of individual behavior as it is influenced by the social environment.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 486 Clinical Psychology****Crosslisted with:** PSYC 886**Prerequisites:** PSYC 380**Description:** Fundamental procedures in clinical practice, a critical evaluation of diagnostic and therapeutic techniques.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 489 Child Behavior and Development****Crosslisted with:** PSYC 889**Prerequisites:** PSYC 289 or CYAF 160; PSYC 350 or permission.**Description:** Current issues in theory and research in developmental psychology examined (e.g., emotional development, the changing American family, the preschool years, social understanding), along with methods of research in these and other areas.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**PSYC 492 Special Topics in Psychology****Prerequisites:** Variable, including permission.**Credit Hours:** 1-24**Min credits per semester:** 1**Max credits per semester:** 24**Max credits per degree:** 24**Format:** LEC**PSYC 496 Instructional Assistantship III****Prerequisites:** At least 6 hrs of PSYC 296 and permission of instructor.**Description:** Structured professional experience for training instructor assistants to tutor, evaluate activities, and do other instructional assistance for psychology courses.**Credit Hours:** 1-4**Min credits per semester:** 1**Max credits per semester:** 4**Max credits per degree:** 4**Format:** PSI**PSYC 497 Experiential Learning in Psychology II****Prerequisites:** Permission.**Notes:** P/N only.**Description:** Experience within a psychological perspective in a variety of off-campus settings.**Credit Hours:** 1-24**Min credits per semester:** 1**Max credits per semester:** 24**Max credits per degree:** 24**Format:** IND**PSYC 499 Independent Study in Psychology II****Prerequisites:** Permission.**Description:** Psychological research or reading.**Credit Hours:** 1-24**Min credits per semester:** 1**Max credits per semester:** 24**Max credits per degree:** 24**Format:** IND