

**Undergraduate Advising Handbook**

Optional 1995-96 or before - Required 1996-97 to present

**PSYCHOLOGY DEPARTMENT MISSION STATEMENT***(Adopted by the Psychology Department faculty on 11/05/14.)*

The mission of the undergraduate program of the Psychology Department is to provide a useful course of study in Psychology that will enable students to obtain employment or to pursue an advanced degree. This program will accomplish the following: educate students about diverse topics within Psychology, teach critical thinking and scientific reasoning skills, provide students with opportunities to perform research, and enable students to develop professional writing and other communication skills.

**OVERVIEW OF DISCIPLINE**

Psychology is a science that studies behavior from psychological, biological, and social perspectives. The major and elective requirements are designed to achieve a broad understanding of the contents, concepts, and research methods of contemporary psychology in the context of a quality Liberal Arts education.

**STUDENT LEARNING OBJECTIVES**

Upon completing requirements for a major in psychology at UCCS, students should be able to:

- 1) display knowledge of several areas of specialization in psychology (i.e., abnormal, biopsychology, cognitive, developmental, and social psychology).
- 2) demonstrate skills in scientific reasoning, such as deductive reasoning and critical thinking.
- 3) demonstrate skills in information gathering, such as the ability to locate empirical information from sources like the library or internet.
- 4) demonstrate skills in writing well-organized, well-supported papers with correct punctuation, grammar, usage, and spelling. In other words, they should be able to clearly convey their message in writing.
- 5) demonstrate ability to accurately cite and reference sources using the formatting style of the current Publication Manual of the American Psychological Association. In other words, they should be able to use the basic components of the formatting style of our discipline.
- 6) display knowledge of research methodology, including data analysis and statistics, in Psychology.

**HISTORY OF DEPARTMENT**

The Psychology Department at the University of Colorado Colorado Springs began offering courses in 1965. At that time, David Nichols was the only instructor. Professor Nichols became the first Professor Emeritus in 1986. In 1977 the Psychology Department began offering an MA in psychology. The department added a Ph.D. program in Geropsychology in 2004 & a Ph.D. program in Trauma Psychology in 2015. The department continues to grow, both in terms of the number of majors and faculty members.

**GENERAL PROGRAM INFORMATION****Requirements for Major**

1. Consult with your Academic Advisor and review your degree audit first. Students are strongly encouraged to consult with a faculty advisor in the department for help in planning their individual program (please see list of faculty on pages 7-8).
2. 36 credit hours total (no more than 54; 18 must be in upper division courses)
3. Introductory Courses (4 hours total)
  - PSY 1000-3 General Psychology  
*Note: The PSY 1000 requirement will be waived if the student has taken Advanced Placement Psychology in High School and has scored a 4 or 5 on the AP Psychology examination.*
  - PSY 1100-1 Profession of Psychology
4. Methodology courses (8 hours total)
  - PSY 2100-4 Introduction to Psychological Statistics  
*Note: PSY 1000 (General Psychology) and MATH 1040 (Algebra) are prerequisites for PSY 2100 with passing grades of C- or better.*
  - PSY 2110-4 Introduction to Psychological Research and Measurement  
*Note: PSY 2100 (Introduction to Psychological Statistics) and ENGL 1410 (Composition) (may be co-requisite) are prerequisites with a passing grade of C- or better. Students should take PSY 2110 as early as possible, because it is a strict prerequisite for advanced seminars.*
5. Core Content Courses (4 of the 7 courses; see note)
  - PSY 3130-3 Learning and Cognition \*
  - PSY 3140-4 Cognitive Psychology
  - PSY 3200-4 Psychology of Learning
  - PSY 3270-4 Introduction to Biopsychology
  - PSY 3280-3 Abnormal Psychology
  - PSY 3400-3 Social Psychology
  - PSY 3620-3 Developmental Psychology

*Note: PSY 1000 is a prerequisite for all Core Content Courses.*  
*\*Students who count PSY 3130 (Learning and Cognition) as a Core Content Course may not count PSY 3140 or PSY 3200 as Core Content Courses.*
6. Advanced Seminars (1 required)
  - PSY 4060-3 Seminar in Health Psychology

- PSY 4110-3 Seminar in Methodology
- PSY 4130-3 Seminar in Learning and Cognition
- PSY 4240-3 Seminar in Theories of Personality
- PSY 4260-3 Seminar in Comparative Psychology
- PSY 4270-3 Seminar in Biopsychology
- PSY 4280-3 Seminar in Abnormal Psychology
- PSY 4400-3 Seminar in Social Psychology
- PSY 4430-3 Seminar in Social Issues
- PSY 4510-3 Seminar in History of Psychology
- PSY 4620-3 Seminar in Developmental Psychology

*Note: Enrollment limited to psychology majors (or consent of instructor). Prerequisites for these courses include PSY 2100, PSY 2110, and Core Content Courses with a passing grade of C- or better. Repeatable for up to 9 hours.*

#### 7. Electives (10 hours total)

Students may choose from the following courses, or from any of the Core Content Courses or Advanced Seminars (listed above):

- PSY 2120-1 Two-Factor ANOVA
- PSY 2300-3 Psychology of Adjustment
- PSY 2450-3 Psychology of Social Problems
- PSY 3000-3 Honors Seminar
- PSY 3030-2 Junior Practicum\*
- PSY 3060-3 Psychology and Health
- PSY 3100-3 Statistical Models in Psychology
- PSY 3130-3 Learning and Cognition
- PSY 3150-3 Psychology of Motivation
- PSY 3210-3 Human Sexuality
- PSY 3250-3 Personality Psychology & Individual Differences
- PSY 3260-4 Comparative Psychology
- PSY 3300-3 Evolutionary Psychology
- PSY 3450-3 Psychology of Diversity
- PSY 3480-1-3 Selected Topics
- PSY 3510-3 Psychology of Aging
- PSY 3550-3 Psychology and Women
- PSY 3630-3 Sex Crimes Against Children
- PSY 3640-3 Psych of the Exceptional Child
- PSY 3650-3 Clinical Neuropsychology
- PSY 3660-3 Service-Learning Internship
- PSY 3710-3 Survey of Clinical Psychology
- PSY 3720-3 Community Psychology
- PSY 3840-3 SPSS & Other Stat Packages
- PSY 3860-3 Theories of Psychotherapy
- PSY 3930-3 Industrial/Organizational Psych
- PSY 3940-3 Psychology and the Law
- PSY 3950-3 Applied Psychology
- PSY 4000-3 Honors Seminar
- PSY 4030-2 Senior Practicum\*
- PSY 4050-3-4 Physiological Psychology
- PSY 4120-3 Human Memory
- PSY 4170-3 Sensation and Perception
- PSY 4190-3-4 Conditioning: Principles and Application
- PSY 4210-1-3 Practicum in Experimental Psychology\*
- PSY 4410-4 Experimental Social Psychology
- PSY 4440-3 Drugs and Behavior
- PSY 4470-3 Social Neuroscience

- PSY 4510-3 History of Psychology
- PSY 4650-3 Evolutionary Neuropsychology
- PSY 4990-1-3 Teaching of Psychology
- PSY 9300-1-3 Undergraduate Independent Study\*

*Note: PSY 1000 is a prerequisite for all electives*

*\* Requires instructor consent before enrolling.*

*Not all courses are offered regularly. Please refer to the website.*

8. **Accountability Examination:** All graduating psychology majors will take an "Accountability Examination and Exit Survey." The examination samples the student's understanding of the core content areas. Students can sign up on the department website to take the exam during their senior year. The exam is given several times during each semester.

9. **Senior Audit:** During the senior year, all psychology majors and minors should conduct a senior audit with their Academic Advisor.

#### Requirements for Minor

1. Consult with your Academic Advisor. Students are strongly encouraged to also consult with a faculty advisor in the department for help in planning their individual program (please see list of faculty on pages 7-8).
2. 20 credit hours in minor area (9 upper division).
3. Required Courses:
  - PSY 1000-3 General Psychology  
*Note: The PSY 1000 requirement will be waived if the student has taken Advanced Placement Psychology in High School and has scored a 4 or 5 on the AP Psychology examination.*
  - PSY 2100-4 Introduction to Psychological Statistics  
*Note: PSY 1000 (General Psychology) and MATH 1040 (Algebra) are prerequisites for PSY 2100 with passing grades of C- or better.*
  - 2 Core Content Courses
  - 7 hours of Electives (3000 level or higher)

#### HONORS PROGRAM

The Psychology Department's Honors Program offers a unique opportunity for outstanding majors to gain an intense research experience in the sub-area of psychology of their choosing. In collaboration with a faculty sponsor, honors students design an empirical research project, collect data for their research, analyze the data, and write a thesis presenting their findings. Upon completion of the research, students participate in an oral defense of their thesis before a three-member faculty committee.

In most cases, the honors program takes three semesters to complete, starting the spring semester of the junior year. Students typically continue their thesis research and complete their oral defense in the spring semester of their senior year.

Students take part in a three- semester sequence of courses:

- PSY 3000 [Honors Seminar, 3 credits] in the spring semester of the junior year in which students begin their research project in collaboration with a faculty advisor and explore contemporary issues in the science of psychology in class. The Honors Seminar is limited to students officially enrolled in the honors program and is kept small so as to insure opportunity for lively discussion and exchange of ideas.
- PSY 3100 [Statistical Models in Psychology, 3 credits] in the fall semester of the senior year. At this point the thesis process, students are likely to be dealing with issues of statistics and methodology in their own research.
- PSY 4000 [Honors Seminar, 1 credit] in the spring semester of the senior year in which students complete their research projects and meet as a class with the honors coordinator for 1 hour each week. Prerequisite: PSY 3000 (with a passing grade of B or better), and PSY 3100.

The requirements for the program are as follows:

- Overall GPA of 3.4 or above
- Psychology GPA of 3.5 or above
- Declared major in psychology
- Junior status
- Course prerequisite PSY 2110 (or concurrently, with faculty approval)
- Sponsorship by a Psychology Department faculty member

Our intent is to model the honors program very closely after the kinds of experiences usually reserved for graduate study. Students who have completed the program typically report that it was an invaluable preparation for their later graduate study; indeed many report that it was the highlight of their education at UCCS. With the recommendation of the faculty of the Psychology Department, the successful honor student's degree diploma will bear the citation "With Highest Distinction in Psychology."

### PSI CHI – NATIONAL HONOR SOCIETY

Psi Chi is the International Honor Society in Psychology. Membership is open to undergraduates who are making the study of psychology one of their major interests and who meet these minimum qualifications:

- Completion of 9 semester hours of Psychology
- Registration for major or minor standing in Psychology
- Overall GPA of 3.00

Psi Chi provides international recognition for academic excellence in psychology, an honor which can be noted on employment applications, vitae, and resumes. On the local level, chapter membership facilitates leadership development, interaction with other students who have similar interests, and service to the department and the university. Psi Chi encourages student research at the local, regional, and national levels through undergraduate research award competitions and provides opportunities for students to present research at the regional and national psychological association meetings. Application materials are available on the Psi Chi bulletin board, Columbine Hall fourth floor, or in the ROAR area of the University Center.

### COURSE DESCRIPTIONS

<https://www.uccs.edu/psych/courses>

#### PSY 1000 - General Psychology

3 Credits (Minimum) 3 Credits (Maximum)

Offered every semester - An introduction to the scientific study of behavior. Covers psychoanalytic and Jungian theory, physiological bases of behavior, behaviorism and humanistic/existential theories. Includes psychology discipline areas of clinical, experimental, developmental, abnormal, and social. Approved for LAS Social Science area requirement. Approved for Compass Curriculum requirement: Explore -Society, Health and Behavior. Components: Lecture

#### PSY 1100 - Profession of Psychology

1 Credits (Minimum) 1 Credits (Maximum)

Offered nearly every Fall and Spring Semester - Explores the profession of psychology, including careers, training needed to be successful, and professional ethics and responsibilities. Prer.or coreq., PSY 1000. Components: Lecture

#### PSY 2100 - Introduction to Psychological Statistics

4 Credits (Minimum) 4 Credits (Maximum)

Offered nearly every Fall and Spring semester - Descriptive statistics including graphs, frequency distributions, measures of central tendency and variability. Inferential statistics such as correlation, T-tests, chi-square tests, and analysis of variance including two-factor designs and multiple comparison tests. Satisfies the LAS and Compass Curriculum Quantitative and Qualitative Reasoning requirement as a statistics course when taken by a student who has either 1) successfully completed MATH 1040 (or a mathematics course that has college algebra as a prerequisite), OR 2) scored 87% or higher on the College Algebra placement test and scored 50% or higher on the Business Calculus placement test. Prer., PSY 1000, and MATH 1040 (or any math course for which MATH 1040 is a prerequisite) with a grade of C- or higher. Components: Lecture

#### PSY 2110 – Introduction to Psychological Research and Measurement

4 Credits (Minimum) 4 Credits (Maximum)

Offered nearly every Fall and Spring semester - An introduction to research methods used in psychology including experimental designs, quasi-experiments, correlation research and developmental methods. Methods of measuring psychological concepts, as well as the reliability and validity of those measurements are discussed. Students will write reports in APA format. Approved for Compass Curriculum requirement: Writing Intensive. Prer., PSY 2100 with a grade of C- or higher. Prer. or Coreq., ENGL 1410 with a grade of C- or higher. Components: Laboratory, Lecture

#### PSY 2120 – Two-Factor Analysis of Variance

1 Credits (Minimum) 1 Credits (Maximum)

Offered nearly every Fall and Spring semester -Covers the computation and interpretation of the two-factor analysis of variance and includes post-hoc analyses of the main and interaction effects. Prer., Introductory statistics class (minimum 3 credits). Components: Lecture

#### PSY 2300 – Psychology of Adjustment

3 Credits (Minimum) 3 Credits (Maximum)

Not offered in recent years - A survey of concepts bearing upon the processes of normal psychological adjustment, with emphasis upon

using the concepts to understand common human problems in personal growth and relationships with others. Components: Lecture

**PSY 2450 – Social Psychology of Social Problems**

3 Credits (Minimum) 3 Credits (Maximum)

Not offered in recent years - An examination of social psychological aspects of a variety of social issues and problems in contemporary society. Issues may include television violence, race and I.Q., ethics of human experimentation, privacy, and pornography. Psychological theory and research relevant to these areas will be considered as will the processes involved in defining social behavior as a problem. Prer., PSY 1000. Components: Lecture

**PSY 3000 – Honors Seminar I**

3 Credits (Minimum) 3 Credits (Maximum)

Offered once a year - Exploration of contemporary issues in the science of psychology in conjunction with independent research project under the supervision of psychology faculty member. Open only to students formally accepted into the Department of Psychology honors program. Prer., PSY 2100, PSY 2110, junior status and consent of instructor required. Components: Seminar

**PSY 3030 – Undergraduate Practicum**

1 Credits (Minimum) 3 Credits (Maximum)

Not offered in recent years - Students participate in supervised service or research activities. Prer., Consent of instructor. Components: Field Studies

**PSY 3060 – Psychology and Health**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - Introductory course on the application of psychological principles to the enhancement of physical health. Class utilizes an experiential format with students actually conducting their own health behavior change program. Prer., PSY 1000. Components: Lecture

**PSY 3100 – Statistical Models in Psychology**

4 Credits (Minimum) 4 Credits (Maximum)

Offered about once a year - The role of statistical models in psychological research. Includes models of error and inference, selected analyses of variance and regression, and SPSS applications. Prer. or Coreq., PSY 2100 and PSY 2110. Components: Lecture

**PSY 3130 – Learning and Cognition**

3 Credits (Minimum) 3 Credits (Maximum)

Offered about once a year – Survey of animal and human theories of learning and an introduction to contemporary theories of human cognition including memory and information processing. Prer., PSY 1000. Components: Lecture

**PSY 3140 – Cognitive Psychology**

4 Credits (Minimum) 4 Credits (Maximum)

Not offered in recent years - A survey of the core areas of human cognition: attention, reasoning, memory, problem solving, and decision making. History, theory, methodology, and research from related disciplines are discussed. Prer., PSY 2100 and PSY 2110. Components: Laboratory, Lecture

**PSY 3150 – Psychology of Motivation**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - Psychological and physiological factors in the motivation of behavior. Prer., PSY 1000. Components: Lecture

**PSY 3200 – Psychology of Learning**

4 Credits (Minimum) 4 Credits (Maximum)

Not offered in recent years - Course designed to provide an overview of learning. An emphasis will be placed on the theoretical formulation of the conditions that are necessary for learning and retention. Practical applications of learning principles will be considered. Prer., PSY 2100 and PSY 2110.

Components: Laboratory, Lecture

**PSY 3210 – Human Sexuality**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - Covers in substantive form the interdisciplinary field of human sexuality. The topic is approached from the perspectives of physiology, endocrinology, behavior, sociology, ethnology, and anthropology. Prer., PSY 1000.

Components: Lecture

**PSY 3240 – Theories of Personality**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least every other year - A review of various theories of personality including psychodynamic, behavioristic, humanistic, and existential approaches. Prer., PSY 1000. Components: Lecture

**PSY 3250 - Personality Psychology & Individual Differences**

3 Credits (Minimum) 3 Credits (Maximum)

Survey of personality and individual differences. Topics include evolution, culture, genetics, emotions, personality disorders, and more. Emphasis on how scientist measure personality, major findings of personality science, and the relationship between personality and other branches of psychology. Prer., PSY 1000. Components: Lecture

**PSY 3260 – Comparative Psychology**

4 Credits (Minimum) 4 Credits (Maximum)

Not offered in recent years - Behavior of animals from an evolutionary perspective. Principles of behavior in a variety of animal species, including humans. Prer., PSY 1000, or consent of instructor. Components: Lecture

**PSY 3270 – Introduction to Biopsychology**

4 Credits (Minimum) 4 Credits (Maximum)

Offered every Fall and Spring semester - A broad survey course in the biological basis of behavior. Anatomy, physiology and chemistry of the nervous system (with special emphasis on the brain), endocrinology, and genetics are discussed as they apply to the study of behavior. Approved for LAS Natural Science area requirement. Approved for Compass Curriculum requirement: Explore-Physical and Natural World. Prer., PSY 1000 or consent of instructor.

Components: Lecture

**PSY 3280 – Abnormal Psychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered every Fall and Spring semester - The origin, symptoms, classification, and treatment of abnormal behavior. Prer., PSY 1000.

Components: Lecture

**PSY 3400 – Social Psychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least once a year - Survey of contemporary social psychological theory and research. Analysis of basic principles underlying human social behavior. Approved for Compass Curriculum requirement: Explore - Society, Health and Behavior. Prer., PSY 1000. Components: Lecture

**PSY 3450 – Psychology of Diversity**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least every other year - A basic survey of myths and realities of multiculturalism and diversity using the theories and data from several subfields within psychology. Racial and ethnic diversity are emphasized, but diversity due to gender, age, sexual preference, and socioeconomic status will also be explored. Prer., PSY 1000. Components: Lecture

**PSY 3480 – Selected Topics in Psychology**

1 Credits (Minimum) 4 Credits (Maximum)

Offered at least once a year - Subject matter will change depending upon individual instructors and time of offering. Consult Course Search on the UCCS website or the MyUCCS Portal for the topic for any given semester. May be repeated for credit. Prer., PSY 1000. Components: Lecture

**PSY 3510 – Psychology of Aging**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least once a year - An overview of geropsychology covering such topics as the aging central nervous system, cognitive aging, cultural contexts of aging, personal transitions in later life, mental disorders, and geropsychology in the future. Prer., PSY 1000. Meets with GRNT 4630. Components: Lecture

**PSY 3550 – Psychology of Women**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least every other year - This course examines gender as it applies to human psychology, with a special focus on the experience of women and girls. A primary goal is to understand how psychologists study the complex relationships between gender and psychosocial functioning. Prer., PSY 1000. Meets with WEST 3450. Components: Lecture

**PSY 3560 – Women and Aging International: Diversity, Challenges, and Contributions**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least every other year - An introduction to the diversity in the aging experience for women throughout the major regions of the world. Current, historical, social, economic, legal, and health realities of older women are explored. Approved for LAS Global Awareness requirement. Meets with GRNT 3560 and WEST 3560. Components: Lecture

**PSY 3620 – Developmental Psychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered every Fall and Spring semester - Survey of human development from conception to death emphasizing physical, cognitive, emotional, and psychosocial development. Prer., PSY 1000. Components: Lecture

**PSY 3630 – Sex Crimes Against Children**

3 Credits (Minimum) 3 Credits (Maximum)

Child sexual abuse and commercial sexual exploitation of children are viewed from psychological, social, and criminal justice perspectives. Approved for LAS Social Sciences area requirement.

Approved for Compass Curriculum requirements: Navigate; Writing Intensive. Prer., PSY 1000. Components: Lecture

**PSY 3640 – Psychology of the Exceptional Child**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - This survey course studies children with learning and cognitive differences, behavioral and emotional disorders, and sensory and physical differences. Emphasis on etiology, diagnosis, treatment, and prevention of various disorders from different theoretical perspectives. Prer., PSY 1000. Components: Lecture

**PSY 3650 – Clinical Neuropsychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - Organization, function, and dysfunction of the human brain across the life span. Neuropsychological assessment techniques. Reviews behavioral, cognitive, and personality changes as a result of disease, injury, and aging. Prer., PSY 1000 or consent of instructor. Components: Lecture

**PSY 3660 – Service-Learning Internship**

3 Credits (Minimum) 3 Credits (Maximum)

Offered every Fall and Spring semester - As a service-learning course, students will serve in the community and learn beginning helping skills. Assistance will be provided in locating volunteer positions. Approved for Compass Curriculum requirements: Summit; Writing Intensive. Prer., Consent of instructor. Components: Internship

**PSY 3710 – Survey of Clinical Psychology**

3 Credits (Minimum) 3 Credits (Maximum)

Not offered in recent years - A review of the area of clinical psychology including such topics as clinical assessment, therapies, and community intervention. Prer., PSY 1000. Components: Lecture

**PSY 3720 – Community Psychology and Mental Health**

3 Credits (Minimum) 3 Credits (Maximum)

Not offered in recent years - Focus on issues in the organization, financing, and delivery of mental health services within the community, innovative techniques for the provision of mental health-related services, the role of community factors in the production of emotional disorders, and technologies of community change. Prer., PSY 1000 and PSY 3280. Components: Lecture

**PSY 3840 – SPSS and Other Statistical Packages**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - The use of statistical package software to enter and organize data and the selection and use of appropriate statistical analyses of the data. Prer. or Coreq., PSY 2100 or equivalent. Components: Lecture

**PSY 3850 – Principles of Psychological Testing**

3 Credits (Minimum) 3 Credits (Maximum)

Not offered in recent years - A psychological and statistical analysis of the principles underlying construction and use of tests of ability and personality. Prer., PSY 2100. Components: Lecture

**PSY 3860 – Theories of Psychotherapy**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least once a year - An introduction for the upper-division undergraduate into the theories and techniques of psychotherapy.

The course examines foundations to the practice of psychotherapy, professional ethics, and various approaches to psychotherapy (e.g., psychodynamic, cognitive, behavioral, humanistic, existential). Prer., PSY 1000 and PSY 3280. Components: Lecture

**PSY 3930 – Industrial/Organizational Psychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least once a year - An introduction to the scientific study of people in work organizations. Emphasis on understanding people in organizations and applying this knowledge to resolve problems of human behavior at work. Prer., PSY 1000. Components: Lecture

**PSY 3940 – Psychology and the Law**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - An introductory survey course covering selected topics relating to the interaction of psychology and the law. Prer., PSY 1000. Components: Lecture

**PSY 3950 – Applied Psychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - Examines the application of psychological research and theory to "real world" issues: organizational behavior, health and health care, environmental, legal, educational issues, and public policy. Prer., PSY 1000. Components: Lecture

**PSY 4000 – Honors Seminar II**

1 Credits (Minimum) 1 Credits (Maximum)

Offered at least once a year - Continuation of Honors Seminar I (PSY 3000). Students complete independent research projects and meet together with honors program coordinator. Prer., PSY 2100, PSY 2110, PSY 3000, PSY 3100, and consent of instructor. Open only to students formally accepted into the Department of Psychology honors program. Components: Seminar

**PSY 4050 – Physiological Psychology**

3 Credits (Minimum) 4 Credits (Maximum)

Not offered in recent years - The morphological, neurochemical, and physiological bases of behavior. Topics include the physical substrate for emotion, motivation, consciousness, sleep, learning, and memory. Prer., PSY 3270 or consent of instructor. If course is taken for 4 hours credit, one 2-hour lab per week is required. Components: Lecture

**PSY 4060 – Seminar in Health Psychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - In-depth focus on selected topics in health psychology. Topics will vary. Prer., PSY 2110 and PSY 3060 or PSY 3280. Components: Seminar

**PSY 4110 – Seminar in Methodology**

3 Credits (Minimum) 3 Credits (Maximum)

Not offered in recent years - In-depth focus on selected topics in methodology, statistics, and measurement. Topics will vary. Prer., PSY 2100 and PSY 2110. Components: Seminar

**PSY 4120 – Human Memory**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - Psychological research and theories about memory. Its focus will be on the memory abilities of normal-functioning adults. Memory functions and structures will be inferred from research studies, several of which will be demonstrated in

class. Some implications for improving memory will be discussed. Prer., PSY 1000. Components: Lecture

**PSY 4130 – Seminar in Learning and Cognition**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - In-depth focus on selected topics in learning and cognition. Topics will vary. Prer., PSY 2110 and PSY 3130 or PSY 4120. Approved for Compass Curriculum requirement: Summit. Components: Seminar

**PSY 4170 – Sensation and Perception**

3 Credits (Minimum) 4 Credits (Maximum)

Offered occasionally - Introduction to psychophysical scaling, the physical senses (with special emphasis on audition and vision), and perceptual phenomena. One 2-hour lab per week required if course taken for 4 hours credit. Prer., PSY 2100 and PSY 2110 or consent of instructor. Components: Lecture

**PSY 4190 – Conditioning: Principles and Application**

3 Credits (Minimum) 4 Credits (Maximum)

Not offered in recent years - Principles of classical and operant conditioning in humans and other animals. Presentation of the theoretical basis of behavior modification. One 2-hour lab required if course taken for 4 hours credit. Prer., PSY 1000. Components: Lecture

**PSY 4210 – Practicum in Experimental Psychology**

1 Credits (Minimum) 3 Credits (Maximum)

Offered at least every Fall and Spring semester - Laboratory for advanced psychology majors. Emphasis will be on individual projects. Prer., Consent of instructor. Components: Practicum

**PSY 4220 – Introduction to Language Behavior**

3 Credits (Minimum) 3 Credits (Maximum)

Not offered in recent years - Introduction to general communication theory with special emphasis on human communication and relation of language to thought. Prer., 16 hours of PSY or consent of instructor. Components: Lecture

**PSY 4240 – Seminar in Psychology of Personality**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - In-depth focus on selected topics in personality. Topics will vary. Prer., PSY 2110 and PSY 3240. Components: Seminar

**PSY 4270 – Seminar in Biopsychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered occasionally - In-depth focus on selected topics in biopsychology. Topics will vary. Prer., PSY 2110 and PSY 3270. Approved for Compass Curriculum requirement: Summit. Components: Seminar

**PSY 4280 – Seminar in Abnormal Psychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least once a year - In-depth focus on selected topics in abnormal psychology. Topics will vary. Approved for Compass Curriculum requirement: Summit. Prer., PSY 2110 and PSY 3280. Components: Seminar

**PSY 4400 – Seminar in Social Psychology**

3 Credits (Minimum) 3 Credits (Maximum)

Offered at least once a year - In-depth focus on selected topics in social psychology. Topics will vary. Approved for Compass Curriculum requirement: Summit. Prer., PSY 2110 and PSY 3400. Components: Seminar

**PSY 4430 – Seminar in Social Issues**

3 Credits (Minimum) 3 Credits (Maximum)  
Offered occasionally - In-depth focus on social issues. Topics will vary. Prer., PSY 2110, PSY 3940. Components: Seminar

**PSY 4440 – Drugs and Behavior**

3 Credits (Minimum) 3 Credits (Maximum)  
Offered occasionally - A behavioral analysis of the effects of psychoactive compounds including stimulants, depressants and antidepressants, antipsychotics, anxiolytics, opiates, and psychedelics. Presentation of neurobiological models of affective disorders (e.g., schizophrenia, endogenous depression, mania, and anxiety). Prer., 10 hours of PSY or consent instructor. PSY 3270 or introductory biology and/or chemistry recommended. Components: Lecture

**PSY 4470 - Social Neuroscience**

3 Credits (Minimum) 3 Credits (Maximum)  
Offered occasionally - This course provides an overview of the biological foundations of social processes in both human animals and non-human animals including but not limited to neuron networks, neurodevelopment, genetics, hormones, and evolution. The impact of culture on biology will be considered. Prer., PSY 3270. Components: Lecture

**PSY 4510 – Seminar in History of Psychology**

3 Credits (Minimum) 3 Credits (Maximum)  
Offered occasionally - Outline of the development of psychological theories since the Greek philosophies. The story of experimental psychology and its problems. Schools of psychological thinking. Readings of original sources in English and English translations. Prer., PSY 2100, PSY 2110, and Junior status. Approved for Compass Curriculum requirement: Summit. Components: Seminar

**PSY 4620 – Seminar in Developmental Psychology**

3 Credits (Minimum) 3 Credits (Maximum)  
Offered at least once a year - In-depth focus on selected topics in developmental psychology. Topics will vary. Approved for Compass Curriculum requirement: Summit. Prer., PSY 2110 and PSY 3620. Components: Seminar

**PSY 4650 - Evolutionary Neuropsychology** 3 Credits (Minimum) 3 Credits (Maximum)

This course serves as an introduction to the evolution of the structures and the functions of the human brain. Prer., PSY 2110 or consent of instructor. Meets with ANTH 4650. Components: Lecture

**PSY 4990 – Teaching of Psychology**

1 Credits (Minimum) 3 Credits (Maximum)  
Offered every Fall and Spring semester - A consideration of problems, techniques, and subject matter related to the teaching of psychology. Prer., Consent of instructor. Component: Lecture

**PSY 9300 – Independent Study**

1 Credits (Minimum) 3 Credits (Maximum)

Offered every semester - Undergraduate. Prer., 20 hours of psychology or equivalent and consent of instructor. Components: Independent Study



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