

PSY

Psychology

**PSY 100 INTRODUCTION TO PSYCHOLOGY. (4)**

An introduction to the study of behavior covering theories, methods and findings of research in major areas of psychology. Topics covered will include the biological foundations of behavior; learning, perception, motivation, personality; developmental, abnormal, and social behavior; and methods of assessment. This course is a prerequisite to a significant number of courses in this and related areas of study. Lecture, three hours; laboratory/discussion, two hours.

**PSY 195 ORIENTATION TO PSYCHOLOGY. (1)**

An orientation to educational issues and career planning for students who have declared psychology as a major. Topics include career paths and opportunities, professional resources and issues, and educational planning. Pass/Fail only. Prereq: Declared major in Psychology, or consent of instructor.

**\*PSY 215 EXPERIMENTAL PSYCHOLOGY. (4)**

A study of the application of scientific methods to psychological research. Special emphasis is placed on the critical evaluation of contemporary research in experimental psychology. Particular attention is focused on the design, execution, and written report of laboratory research. Lecture, three hours; laboratory, two hours. Prereq: PSY 100 and PSY major or PSY minor, or consent of instructor.

**\*PSY 216 APPLICATIONS OF STATISTICS IN PSYCHOLOGY. (4)**

An introduction to statistical procedures used in making decisions based on psychological data. May not be used to satisfy the laboratory requirement in the College of Arts and Sciences. Lecture, three hours; laboratory, two hours. Prereq: PSY 100 and PSY major, or consent of instructor.

**PSY 223 DEVELOPMENTAL PSYCHOLOGY. (3)**

An introduction to the principles of developmental psychology as seen in human growth over the entire lifespan, with the primary focus on infancy through adolescence. Emphasis is placed on theory and data relating to the developmental aspects of cognition, language and personality. Prereq: PSY 100 or equivalent.

**PSY 302 PSYCHOLOGY IN BUSINESS AND INDUSTRY. (3)**

Survey of the many applications of psychological principles and methods to problems in business and industry. Topics include consumer research and marketing, personnel selection, performance appraisal, employee training, motivation, leadership, dynamics of work groups, job stress, and person-machine interactions. Prereq: PSY 100 and PSY 215.

**PSY 311 LEARNING AND COGNITION. (3)**

Theory and experimental techniques in the study of learning and cognition. Emphasis on research in the biological basis of learning, perceptual processing, classical conditioning, instrumental conditioning, memory, and language. Prereq: PSY 100 and PSY 215 or 216.

**PSY 312 BRAIN AND BEHAVIOR. (3)**

An introduction to structural and functional characteristics of the nervous system. The emphasis is on exploring the relationship between brain and behavior. Topics range from simple structures and behaviors to more complex functions. The biological basis of normal and abnormal behavior is explored from a multidisciplinary perspective. Prereq: PSY 100 and PSY 215 or 216.

**PSY 313 PERSONALITY AND INDIVIDUAL DIFFERENCES. (3)**

An introduction to the psychology of individual differences, theories of personality and personality development. Individual differences in cognitive ability and personality will be addressed. Differing theoretical approaches to personality will be covered. Prereq: PSY 100 and PSY 215 or 216.

**PSY 314 SOCIAL PSYCHOLOGY AND CULTURAL PROCESSES. (3)**

A selective survey of classic and contemporary theories and research in social psychology from a multicultural perspective. Topics will include social perception, the self, attitudes, aggression, prejudice, and group processes. Credit is not given to students who already have credit for PSY/SOC 344. Prereq: PSY 100 and PSY 215 or 216.

**PSY 331 THE PSYCHOLOGY OF ADJUSTMENT. (3)**

The individual's psychological adjustment to society is analyzed from a mental health perspective. The course provides a general orientation to the normal-abnormal continuum of behavior, including individual, social, and cultural determinants of behavior. Prereq: PSY 100. Not open to students who have had CH 520.

PSY

Psychology

**PSY 344 SOCIAL PSYCHOLOGY.**

**(3)**

Theoretical and empirical analysis of individual behavior in the social setting with particular emphasis on social learning, motivation, and the measurement, formation, and changing of social attitudes. (Note: Not open for graduate credit to graduate students in Psychology and Sociology.) Credit is not given to students who already have credit for PSY 314. Prereq: PSY 100.

**PSY 395 INDEPENDENT WORK IN PSYCHOLOGY.**

**(1-3)**

Designed for advanced students who assist faculty members on research projects that are conducted in regular consultation with the faculty member. May be repeated to a maximum of 12 credits. Pass-Fail only. Prereq: Major in the department with a standing of 3.0 in psychology courses. A signed contract between student and faculty member must be filed in the departmental office prior to enrollment in the course.

**PSY 399 FIELD BASED/COMMUNITY BASED EDUCATION.**

**(1-6)**

A community-based or field-based experience in psychology, under the supervision of a faculty member. May be repeated to a maximum of 12 credits (if applicable). Pass-fail only. Prereq: Consent of instructor and department chairperson; filing of a learning contract with departmental office and Office for Experiential Education; completion of 12 hours in psychology with a GPA of 2.5 in psychology courses. Psychology majors, juniors and seniors only.

**PSY 427 COGNITIVE PROCESSES.**

**(4)**

A general introduction to cognitive psychology through lecture and lab. Emphasis is placed on theory and research in information processing, memory, decision-making, language and the means by which cognitive psychology is applied to our lives. The lab is designed to provide an opportunity for individualized experience with research equipment and methodology in cognitive psychology. Lecture, three hours per week; laboratory, two hours per week. Prereq: Declared major in Psychology, PSY 215, 216, and 311.

**PSY 430 RESEARCH IN PERSONALITY.**

**(4)**

A lecture-lab course intended to introduce students to the field of contemporary personality psychology. Includes a survey of the methods used and issues examined by current personality psychologists. Lectures will focus on selected current theories and issues, whereas labs will involve an in-depth examination of scale construction and the correlational approach to research. Lecture/discussion, three hours per week; laboratory, two hours per week. Prereq: Declared major, PSY 215, 216, and PSY 313.

**PSY 440 RESEARCH IN SOCIAL PSYCHOLOGY.**

**(4)**

An advanced course in research methods in social psychology. Emphasis will be placed on learning and applying experimental and nonexperimental methods to social psychological issues. In the laboratory component, students will design, conduct, and write up their own social psychological study. Lecture/discussion, three hours per week; laboratory, two hours per week. Prereq: Declared major in Psychology, PSY 215, 216, and 314.

**PSY 450 LEARNING.**

**(4)**

The contemporary theoretical and empirical bases of conditioning and learning in humans and nonhumans will be studied through an integration of lectures and intensive, hands-on laboratory experiences. Lecture, three hours per week; laboratory, two hours per week. Prereq: Declared major in psychology, PSY 215, 216, and 311.

**PSY 456 BEHAVIORAL NEUROSCIENCE.**

**(4)**

An intensive investigation of the neural basis of behavior using an integrated lecture and laboratory format. Principles of neuroanatomy, neurophysiology and neuropharmacology are applied to behavioral processes such as perception, movement, learning, motivation and emotion. Lecture, three hours per week; laboratory, two hours per week. Prereq: Declared major in Psychology, PSY 215, 216, 312, BIO 103, or consent of instructor.

**PSY 459 DRUGS AND BEHAVIOR.**

**(3)**

General principles of drug action from a physiological perspective. Major emphasis is on the psychoactive drugs encountered in experimental, clinical and social settings. Prereq: PSY 215 and BIO 103, or BIO 150 or equivalent.

PSY

Psychology

**PSY 460 PROCESSES OF PSYCHOLOGICAL DEVELOPMENT. (4)**

A systematic examination of the major theoretical issues and the logic and methods of the scientific study of developmental psychology. The course is organized around theoretical perspectives that have directed the study of developmental processes. In the laboratory component, students will engage in demonstration exercises designed to illustrate selected topics and research techniques. Students will be required to design and implement a research project. Lecture/discussion, three hours per week; laboratory, two hours per week. Prereq: Declared major in Psychology, PSY 215, 216, and 223.

**PSY 495 SENIOR THESIS SEMINAR. (4)**

This course focus will be on the development and presentation of a research question, and the design of an experimental test of the question. The course will use a seminar format. Students will be expected to give both an oral and written presentation of their research proposal and to participate in the discussion of the proposals of other students. Prereq: Major in psychology, senior status, research sponsor, approval of instructor.

**PSY 496 SENIOR THESIS RESEARCH. (4)**

This course focus will be on the oral and written presentation of research results. The course will use a seminar format. Students will complete their thesis research, prepare a written report, and present it to the seminar. Prereq: PSY 495.

**PSY 499 SENIOR INTERNSHIP IN PSYCHOLOGY. (3)**

Designed as a senior-capstone course for psychology majors to integrate classroom learning, theory, and practice in the context of a research or field-based experience in psychology under the supervision of a psychology faculty member. Students spend nine hours weekly in the placement site and meet weekly as a group with the course instructor to discuss placements, readings, and writing assignments. Prereq: Declared major in Psychology, seniors only; consent of instructor; contract with department; and faculty supervision.

**PSY 500 HISTORY AND SYSTEMS OF PSYCHOLOGY. (3)**

The course reviews the historical context, influences, and individuals instrumental in the development of psychological research, theories, and systems. Readings and discussions of original sources and contemporary research are emphasized. Prereq: 28 hours of Psychology completed or consent of instructor.

**PSY 533 ABNORMAL PSYCHOLOGY. (3)**

A study of the major mental disorders, especially the psychoneuroses and the psychoses, and the biological, psychological, and sociological factors which contribute to their causation. Prereq: PSY 100 plus one of the following: PSY 215, 216 or 223.

**PSY 534 CHILD PSYCHOPATHOLOGY. (3)**

The course is designed to cover issues in the classification, assessment, and treatment of the major childhood behavior disorders, including attention deficit and conduct disorders, learning disabilities, depression, and child abuse. In addition, issues relating to parent-child relations, divorce, and children's attributions will be covered. Prereq: PSY 215; and either PSY 223 or 533 or FAM 255.

**PSY 535 PSYCHOLOGICAL TESTING. (3)**

A general orientation to the field of psychological testing. Introduction to the principles and methods of psychological testing, and a survey of the various kinds of psychological tests. Prereq: PSY 100 and 216.

**PSY 552 ANIMAL BEHAVIOR. (4)**

Experimental techniques, principles, and theories applied to the field of animal behavior. Topics include comparative cognition, learning and memory, imitation, sexual selection, reproductive strategies, altruism, evolutionary psychology, and sociobiology. A required laboratory component consists of applications of techniques used to study animal behavior. Students will design and conduct experiments, organize and discuss results, and explore theoretical and applied implications. Prereq: Declared major in Psychology, PSY 215, 216, 311, or consent of instructor.

**PSY 558 BIOLOGY OF MOTIVATION. (3)**

An examination of the causes of human and nonhuman behavior from a biological perspective. Special attention is paid to the interaction between genetic inheritance, individual experience, and physiological state in the control of the appetitive and consummatory behaviors. Prereq: PSY 215 and BIO 103, or BIO 150 or equivalent.

PSY

Psychology

**PSY 561 ADVANCED TOPICS IN FOUNDATIONS OF CLINICAL PSYCHOLOGY (Subtitle required). (3)**

Selected topics in clinical psychology such as health psychology and introduction to clinical psychology. Course topics will vary from year to year, providing students with a diversity of material in the area of clinical psychology. May be repeated to a maximum of six credits. Prereq: Completion of 28 hours in psychology, including PSY 430 or PSY 533, or consent of instructor.

**PSY 562 ADVANCED TOPICS IN COGNITIVE PSYCHOLOGY (Subtitle required). (3)**

This course is designed to provide in-depth study of a specialized topic within cognitive psychology. Topics will vary from year to year and may include: theories of memory; theories of reading; cognition and emotion; connectionist modeling; engineering and environmental psychology. May be repeated to a maximum of six credits. Prereq: Completion of 28 hours in psychology, including PSY 427, or consent of instructor.

**PSY 563 ADVANCED TOPICS IN DEVELOPMENTAL PSYCHOLOGY (Subtitle required). (3)**

This course is designed to provide in-depth study of a specialized topic in developmental psychology. Topics will vary from year to year and may include: cognitive development; development of memory and attention; development of reasoning and problem solving; and media use and children's development. May be repeated to a maximum of six credits. Prereq: Completion of 28 hours in psychology, including PSY 460, or consent of instructor.

**PSY 564 ADVANCED TOPICS IN LEARNING (Subtitle required). (3)**

The course will provide in-depth study of specialized topics in the area of higher learning in animals. Topics will vary from year to year and may include concept learning, memory, imitation, language, and cooperation. The course will also examine these processes from the perspective of sociobiology. May be repeated to a maximum of six credits. Prereq: Completion of 28 hours in psychology, including PSY 450 or 552, or consent of instructor.

**PSY 565 ADVANCED TOPICS IN NEUROSCIENCE (Subtitle required). (3)**

Advanced coverage of recent research within the field of behavioral neuroscience. The course will provide in-depth coverage of one topic, such as developmental psychobiology, neurobiology of learning and memory, or the biological basis of reward. May be repeated to a maximum of six credits. Prereq: Completion of 28 hours in psychology, PSY 456, or consent of instructor.

**PSY 566 ADVANCED TOPICS IN SOCIAL PSYCHOLOGY (Subtitle required). (3)**

Selected topics exploring aspects of social psychology. The content of the course will vary from year to year, focusing on topics such as social cognition, the self, cross-cultural psychology, personal relationships, consumer and organizational psychology, and nonverbal communication. Class format will be determined by the instructor, with some years having a small seminar structure and other years having a more traditional lecture format. May be repeated to a maximum of six credits. Prereq: Completion of 28 hours in psychology, including PSY 440, or consent of instructor.

**PSY 603 PSYCHOPATHOLOGY. (3)**

An examination of the descriptive, theoretical, and research material relevant to the major classes of disturbed behavior. Special attention is devoted to the stylistic features of neurotic and psychotic communication and behavior. Prereq: Enrollment in the graduate program in clinical psychology.

**PSY 610 PSYCHOMETRICS. (3)**

Analysis and interpretation of human measurements. The course deals with the application of basic inferential procedures to the analysis and interpretation of psychological data. Required of all graduate students in psychology. Prereq: A course in statistics.

**PSY 611 PSYCHOLOGICAL RESEARCH. (3)**

The course deals with the design of psychological experiments. Emphasis is upon issues concerning choice of appropriate designs for psychological research. Both experimental and correlational research designs are studied. Required of all graduate students in psychology. Prereq: PSY 610 or permission of instructor.

**PSY 616 RESEARCH DESIGN IN CLINICAL PSYCHOLOGY. (3)**

Concentrates on current methodologies utilized in clinical research and on the application of sophisticated techniques to traditional research problems. Students are expected to master critical skills for the evaluation of research designs and are encouraged to explore creative approaches to research in important clinical areas. Prereq: Enrollment in the graduate program in clinical psychology.

PSY

Psychology

- PSY 620 PROSEMINAR IN HISTORY AND SYSTEMS OF PSYCHOLOGY. (3)**  
A study of the philosophical precursors and scientific traditions of psychology. The schools of 19th and 20th century psychology are surveyed as are the major theoretical positions and content areas of contemporary psychology. Prereq: Graduate standing in Department of Psychology or Department of Educational and Counseling Psychology. (Same as EDP 615.)
- PSY 621 PROSEMINAR IN LEARNING. (3)**  
An intensive treatment of concepts, methodology, and current developments in the field of learning.
- PSY 622 PROSEMINAR IN PERSONALITY. (3)**  
An intensive treatment of theories, methods of investigation and current developments in the area of personality. Prereq: Enrollment in graduate program in Psychology or consent of instructor.
- PSY 623 PROSEMINAR IN SENSATION AND PERCEPTION. (3)**  
An intensive examination of the facts, methods and concepts involved in the study of sensory and perceptual processes. Prereq: Consent of instructor.
- PSY 624 PROSEMINAR IN SOCIAL PSYCHOLOGY. (3)**  
An intensive examination of the methods and data of social psychology with emphasis on social attitudes. Prereq: PSY 344 or 314 or equivalent.
- PSY 625 PROSEMINAR IN DEVELOPMENTAL PSYCHOLOGY. (3)**  
An intensive treatment of theoretical and experimental literature, both classical and contemporary, in developmental psychology. Prereq: Admission to the graduate program in psychology or consent of instructor.
- PSY 626 SURVEY OF HEALTH PSYCHOLOGY. (3)**  
A survey of the field of health psychology. It will explore the ways in which social and psychological research contribute to an understanding of health and illness behavior. Prereq: Graduate or professional standing and consent of instructor. (Same as BSC 626.)
- PSY 627 PROSEMINAR IN PHYSIOLOGICAL PSYCHOLOGY. (3)**  
An intensive examination of theories, methods of investigation, and current developments in the field of physiological psychology. Prereq: Graduate standing or permission of instructor. (Same as PGY 627.)
- PSY 628 PROSEMINAR IN COGNITIVE PROCESSES. (3)**  
An intensive examination of theoretical and empirical evidence concerning mental processes in the adult human, including attention, memory, language, and problem-solving. Prereq: Graduate standing in psychology, or consent of instructor.
- PSY 629 INTRODUCTION TO CLINICAL PSYCHOLOGY. (2)**  
Offered conjointly by the clinical faculty; covers the broad perspectives of clinical psychology, methods, history, ethics, and professional issues. Prereq: Enrollment in the graduate program in psychology.
- PSY 630 CLINICAL METHODOLOGY I. (2)**  
An intensive survey and evaluation of tests of intelligence and objective methods of assessment of normal and abnormal personality. Special emphasis is given to major theoretical issues and relevant quantitative methods. Prereq: Enrollment in the graduate program in Clinical Psychology.
- PSY 631 PRACTICUM IN CLINICAL METHODOLOGY I. (2)**  
Clinical interviewing and practice in writing reports on behavioral observations, content of verbalization, and case history data. Practice in administration, scoring and interpretation of intelligence tests and objective personality tests. Laboratory, four hours. Prereq: Enrollment in graduate program in Clinical Psychology and prior or concurrent enrollment in PSY 630.
- PSY 632 CLINICAL METHODOLOGY II. (2)**  
Theoretical issues, quantitative methods and research findings on the projective methods of assessment of normal and abnormal personality. Prereq: PSY 630, and enrollment in graduate program in psychology.

PSY

Psychology

- PSY 633 PRACTICUM IN CLINICAL METHODOLOGY II.** (2)  
Practice in the administration and scoring of projective techniques and batteries of clinical tests. Laboratory, four hours. Prereq: PSY 630 and 631, and enrollment in graduate program in clinical psychology. Prereq or concur: PSY 632.
- PSY 636 SYSTEMS OF PSYCHOTHERAPY.** (3)  
An intensive examination of the major theoretical and research approaches to therapeutic behavior change. Prereq: PSY 632 and 633, and enrollment in graduate program in clinical psychology.
- PSY 637 PRACTICUM IN PSYCHOLOGICAL ASSESSMENT AND INTERVENTION.** (1-3)  
Supervised experience in the techniques of psychological assessment and intervention with adults, children, families, and groups. Laboratory, two to six hours per week. May be repeated up to sixteen hours. Prereq: PSY 636 and enrollment in graduate program in clinical psychology.
- PSY 638 DEVELOPMENTAL NEUROBIOLOGY.** (3)  
An explanation of the processes which contribute to the development of the nervous system. Neurophysiological, cell biological and molecular approaches to cell differentiation, neuronal pathfinding and synapse formation and stabilization will be explored and discussed. Examples will be drawn from both vertebrate and invertebrate preparations. Prereq: BIO 535 or consent of instructor. (Same as ANA/BIO/PGY 638.)
- PSY 708 INTERNSHIP IN CLINICAL PSYCHOLOGY.** (0)  
Full time practice in an APA-accredited internship setting, with on-site supervision provided by the internship setting and with academic supervision provided by the Director of Clinical Training at the University of Kentucky. May be repeated twice. Prereq: All course work in doctoral program in clinical psychology, approved dissertation proposal, and consent of Director of Clinical Training.
- PSY 710 TOPICAL SEMINAR IN CLINICAL PSYCHOLOGY.** (3)  
A selected topics course designed to cover content areas which are not being met by the current faculty; may be taught by persons with special qualifications from the community or by existing faculty exploring new areas. The topics, which may be offered as the need arises, may include on a semester basis mental retardation, intensive psychoanalytic theory, psychopharmacology, etc. May be repeated to a maximum of six credits. Prereq: As specified by instructor.
- PSY 748 MASTER'S THESIS RESEARCH.** (0)  
Half-time to full-time work on thesis. May be repeated to a maximum of six semesters. Prereq: All course work toward the degree must be completed.
- PSY 749 DISSERTATION RESEARCH.** (0)  
Half-time to full-time work on dissertation. May be repeated to a maximum of six semesters. Prereq: Registration for two full-time semesters of 769 residence credit following the successful completion of the qualifying exams.
- PSY 766 TOPICAL SEMINAR IN BEHAVIORAL NEUROSCIENCE.** (3)  
A study of selected topics in behavioral neuroscience with emphasis on recent research and theory. May be repeated to a maximum of nine credits. Prereq: Consent of instructor. This course may be elected to fulfill requirements in the psychology and physiology graduate programs. (Same as PGY 767.)
- PSY 767 DISSERTATION RESIDENCY CREDIT.** (2)  
Residency credit for dissertation research after the qualifying examination. Students may register for this course in the semester of the qualifying examination. A minimum of two semesters are required as well as continuous enrollment (Fall and Spring) until the dissertation is completed and defended.
- PSY 768 RESIDENCE CREDIT FOR THE MASTER'S DEGREE.** (1-6)  
May be repeated to a maximum of 12 hours.
- PSY 769 RESIDENCE CREDIT FOR THE DOCTOR'S DEGREE.** (0-12)  
May be repeated indefinitely.

---

**PSY**

**Psychology**

---

**PSY 772 TOPICAL SEMINAR IN LEARNING. (3)**

The study of selected topics in the learning area with emphasis on the recent experimental and theoretical literature. May be repeated to a maximum of six credits. Prereq: Consent of instructor.

**PSY 776 SEMINAR IN DEPENDENCY BEHAVIOR. (3)**

The course is designed to explore theories of dependency behavior by examining the concept of dependency as it can be applied to the study of various phenomena including alcohol use and abuse; dependence on other psychoactive substances; institutional dependency; dependency in work settings; and poverty and welfare. Prereq: Consent of instructor. (Same as ANT/SOC/BSC 776.)

**PSY 778 TOPICAL SEMINAR IN DEVELOPMENTAL PSYCHOLOGY. (3)**

An advanced seminar in selected topics in human development, including cognition, learning, language, personality, socialization, life span issues, and developmental aspects of psychopathology. Prereq: PSY 625 and enrollment in graduate psychology program, or consent of instructor. May be repeated a maximum of six credits.

**PSY 779 TOPICAL SEMINAR IN SOCIAL PSYCHOLOGY. (3)**

Each semester some topic in the field of social psychology, such as attitudes and beliefs, structures and function of social groups, social determinants of behavior, leadership, and morale will be studied intensively. May be repeated to a maximum of six credits. (Same as SOC 779.)

**PSY 780 PROBLEMS IN PSYCHOLOGY. (1-3)**

This number is used for topical seminars taught on an experimental basis or covering special material that may not be presented again. May be repeated to a maximum of six credits.

**PSY 781 RESEARCH PARTICIPATION. (1)**

Emphasis on the team approach to research. Designed primarily for first year graduate students. May be repeated to a maximum of four credits. Laboratory, two to four hours. Prereq: Enrollment in the graduate program in psychology.

**PSY 790 RESEARCH IN PSYCHOLOGY. (1-12)**

A minimum of three hours per credit a week is required on research conducted in consultation with the instructor. May be repeated as necessary with the approval of the Director of Graduate Studies.