

# Psychology (PSY)

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## **PSY 200 Introduction to Psychology** (3 credit hours)

Survey of basic principles for the understanding of behavior and experience including development, learning, cognition, biological foundations, perception, motivation, personality, behavior abnormalities, measurement of individual differences, and social processes. The value of scientific observation and experimentation to the development of psychological understanding is emphasized.

*GEP Social Sciences*

*Typically offered in Fall, Spring, and Summer*

## **PSY 208 Psychobiology of Success** (3 credit hours)

Exploration of what happens within your body when you experience stress, techniques to alter your body's response, ways to manage your thoughts and emotions to enhance your performance. Development of an understanding of why your physiology and your background do not have to determine your future. Across all topics, students will critically examine biological, psychological, and medical evidence regarding stress responses, stress management and optimizing functioning.

*GEP Interdisciplinary Perspectives, GEP Social Sciences*

*Typically offered in Summer only*

## **PSY 230 Introduction to Psychological Research** (3 credit hours)

This course is an introduction to the principles of scientific research. Students will develop and test research hypotheses in accordance with methods approved by the American Psychological Association. Methods of analyzing data and the interpretation of research findings will be stressed. Students will work in teams to collect, analyze, report, and provide a professional presentation of a group research project. Psychology majors and minors must take the course under the graded option.

Prerequisite: PSY 200

*Typically offered in Fall, Spring, and Summer*

## **PSY 240 Introduction to Behavioral Research I** (3 credit hours)

Introduction to quantitative methods in psychology, including measurement, experimental control, validity, and fundamentals of research design. Discussion of distributions and statistical inference. Individualized/Independent Study and Research courses require a Course Agreement for Students Enrolled in Non-Standard Courses be completed by the student and faculty member prior to registration by the department.

Prerequisite: PSY or HRD Majors, PSY 200, Corequisite: PSY (ST) 241

*Typically offered in Fall and Spring*

## **PSY 241 Introduction to Behavioral Research I Lab** (1 credit hours)

Students design, analyze and report a variety of simple experiments. Individualized/Independent Study and Research courses require a Course Agreement for Students Enrolled in Non-Standard Courses be completed by the student and faculty member prior to registration by the department.

Prerequisite: PSY or HRD Majors, PSY 200, Corequisite: PSY (ST) 240

*Typically offered in Fall and Spring*

## **PSY 242 Introduction to Behavioral Research II** (3 credit hours)

Continuation of PSY (ST) 240. Ethics of Research in Psychology. Techniques for the development of research proposals. Statistical techniques for data analysis including non-parametrics, one-way and two-way ANOVA and introduction to correlation and regression. Individualized/Independent Study and Research courses require a Course Agreement for Students Enrolled in Non-Standard Courses be completed by the student and faculty member prior to registration by the department.

Prerequisite: PSY or HRD Majors, PSY (ST) 240, Corequisite: PSY (ST) 243

*Typically offered in Fall and Spring*

## **PSY 243 Introduction to Behavioral Research II Lab** (2 credit hours)

Design and analysis of a major research project. Individualized/Independent Study and Research courses require a Course Agreement for Students Enrolled in Non-Standard Courses be completed by the student and faculty member prior to registration by the department.

Prerequisite: PSY or HRD Majors, PSY (ST) 240, Corequisite: PSY (ST) 242

*Typically offered in Fall and Spring*

## **PSY 281 Classic Works in Psychology: European Beginnings** (3 credit hours)

The field of Psychology has early beginnings in the 18th and 19th century in Europe. For example, works by Gustav Fechner, Wilhelm Wundt, and Herman Ebbinghaus in Germany; Sigmund Freud and Christian von Ehrenfels in Austria; and Ivan Pavlov in Russia. These early scientists provided the historical background for many contemporary areas in Psychology. In this course, we will read and analyze classic works in European Psychology and discuss their impact on the field of psychology.

*Typically offered in Fall, Spring, and Summer*

## **PSY 307 Industrial and Organizational Psychology** (3 credit hours)

Surveys the application of psychological theories and methods to problems involving people in working settings. Topics include: organizational and management theory; work motivation and job satisfaction; job and organizational analysis; performance evaluation; personnel recruitment, selection, and placement; and personnel training and development.

Prerequisite: PSY 200 or PSY 201

*Typically offered in Fall and Spring*

## **PSY 311 Social Psychology** (3 credit hours)

Theory and research on how individuals respond and are responded to in social situations. Topics include attitude formation and change, affiliation, attraction, self and interpersonal perception, interpersonal relationships, aggression, helping behavior, intergroup behavior, and group dynamics.

Prerequisite: PSY 200 or PSY 201

*GEP Social Sciences*

*Typically offered in Fall, Spring, and Summer*

## **PSY 312 Applied Psychology** (3 credit hours)

Covers diverse areas of psychological practice, related methods and ethical issues. Includes illustrative cases of psychological practice in health, education, work settings, law, sports, consumer markets, and cross-cultural settings. Explores professional roles and contributions in the contexts of social, organizational and technological change.

Prerequisite: PSY 200 or PSY 201

*Typically offered in Fall and Spring*

**PSY 313 Positive Psychology** (3 credit hours)

Positive psychology is the scientific study of positive experience, positive individual traits, and the institutions and practices that facilitate their development. This course reviews the history of positive psychology and the contributions this new field has made to several traditional research areas in psychology. Among other issues, the course will address the questions such as: What is happiness and how should we measure it? What determines subjective well-being? Can (and should) we deliberately increase happiness? (Restricted to psychology majors)

Prerequisite: PSY 200

*Typically offered in Fall and Spring*

**PSY 325/PS 325 Introduction to Political Psychology** (3 credit hours)

This interdisciplinary course explores the psychological factors determining political behavior among individuals and groups. Areas to be covered include rationality, heuristics, biases, updating, learning, motivated reasoning, images, stereotypes, perceptions, emotions, morality, personality, values, groups, national groups, reputation, revenge, and violence. Specifically, the approaches and explanations of political psychology will be applied to explain the behavior of political leaders, individuals, groups, and social movements in the context of ethnic international conflict, terrorism, nationalism, media, voting, and conflict resolution. A goal of the course is to strengthen students' understanding of the psychological mechanisms affecting people's political behavior regardless of ethnic, religious, racial, or ideological differences.

*GEP Social Sciences*

*Typically offered in Spring only*

**PSY 340 Human Factors Psychology** (3 credit hours)

This course covers the fundamental principles of Human Factors Psychology - the science and practice of understanding the fit between people and the systems with which they interact - by focusing on improving efficiency, creativity, productivity, and safety. The course provides an overview of fundamental topics, such as perception, attention, memory, decision making, and motor control, as well as specific domains within the field, such as information technology, healthcare, aging, and transportation with an emphasis on the methods used for research and design in Human Factors.

P: PSY 200

*Typically offered in Fall and Spring*

**PSY 345/AFS 345 Psychology and the African American Experience** (3 credit hours)

Historical and cultural examination of the psychological experiences of African Americans from pre-American times to the present. Focus on mental health, personality, identity development, racism, oppression, psychological empowerment and an African-centered world view. Discussion of contemporary issues within the African American community.

P: PSY 200

*GEP U.S. Diversity, Equity, and Inclusion, GEP U.S. Diversity*

*Typically offered in Fall and Spring*

*This course is offered alternate odd years*

**PSY 360 Community Psychology Principles and Practice** (3 credit hours)

This course provides an introduction to the field of community psychology. The aim of this course is to help empower students to contribute to effective social change in their communities. Community psychology focuses upon person-environment interactions and the ways individuals navigate between different social contexts (e.g. schools, neighborhood, community, and society). Community psychologists employ a variety of methodological approaches to understand the social issues facing communities today such as juvenile violence, homelessness, HIV-AIDS, and domestic violence.

Prerequisite: PSY 200

*Typically offered in Fall and Spring*

**PSY 370 Personality** (3 credit hours)

Major personality theories. Definition of personality associated with each theory as well as the assumptions and principles used in accounting for human behavior. Theories evaluated considering recent research.

Prerequisite: PSY 200

*Typically offered in Fall, Spring, and Summer*

**PSY 376 Developmental Psychology** (3 credit hours)

Behavioral development during the life span, including study of current theories and project work with persons at various stages of the life cycle.

Prerequisite: PSY 200 or EDP 304

*GEP Social Sciences*

*Typically offered in Fall, Spring, and Summer*

**PSY 400 Perception** (3 credit hours)

Anatomy and physiology of the major sensory systems, their relationship to central structures of the brain, important and/or common pathological conditions. Basic issues and techniques of psychophysics. Perceptual phenomena and theory, with an emphasis on topics in two- and three-dimensional spatial perception, including the perceptions of size, depth and motion. Consideration of perceptual phenomena in practical settings.

Prerequisite: PSY 200 or PSY 201, Junior/Senior

*Typically offered in Fall and Spring*

**PSY 406/WGS 406 Psychology of Gender** (3 credit hours)

This course is designed to introduce students to the origins and significance of the study of gender differences and gender relations from a psychological perspective. The course focuses on current theory and research on perceived and actual biological, social, cognitive, personality and emotional similarities and differences of men and women throughout the lifespan as well as the construction and meaning of gender in our society.

Prerequisite: PSY 200 or WGS 200

*GEP Social Sciences, GEP U.S. Diversity, Equity, and Inclusion, GEP U.S. Diversity*

*Typically offered in Fall and Spring*

**PSY 410 Learning and Motivation** (3 credit hours)

Introduction to the primary laboratory research areas in learning and motivation: classical conditioning, operant conditioning, verbal learning, drive theory, and the role of motives. Emphasis upon research on conditioning and its motivational processes as the foundations for techniques in behavior modification. Examination of both the uses and limitations of current information on learning and motivation.

Prerequisite: PSY 200, Junior standing

*Typically offered in Fall and Spring*

**PSY 411 The Psychology of Interdependence and Race** (3 credit hours)

The Psychology of Interdependence and Race is designed to explore how interpersonal relationships are structured and how two-person interactions within those structures are influenced by race. Drawing on the major social psychological theory of interpersonal relationships - Interdependence Theory - this course will provide students with an understanding of the various structures of interpersonal relationships in order to explore how and why the presence of race (and other diversity categories) influence the ways in which people try to interact with each other within those interpersonal structures.

Prerequisite: PSY 311

*Typically offered in Fall and Spring*

**PSY 412 Social Relationships** (3 credit hours)

The goal of this course is to examine evidence-based and empirical research of how and why social relationships develop, thrive, and deteriorate over time. We will discuss various topics, including attraction, relationship formation, relationship satisfaction, and relationship dissolution as well as psychological aspects within social relationships.

P: PSY 200

*GEP Social Sciences, GEP U.S. Diversity, Equity, and Inclusion*

*Typically offered in Fall and Spring*

**PSY 416 Psychology of Emotion** (3 credit hours)

Introduction to the classic and contemporary theories of emotion, with strong emphasis on how data provide evidence to test theory. Biological, cognitive, social, and cultural foundations are explored.

Prerequisite: PSY 200

*Typically offered in Fall and Spring*

**PSY 420 Cognitive Processes** (3 credit hours)

Introduction to research and theory in cognition, including such topics as memory, acquisition and use of language, reading, problem-solving, reasoning, and concepts.

Prerequisite: PSY 200, Junior standing

*Typically offered in Fall, Spring, and Summer*

**PSY 425/PHI 425 Introduction to Cognitive Science** (3 credit hours)

Philosophical foundations and empirical fundamentals of cognitive science, an interdisciplinary approach to human cognition. Topics include: the computational model of mind, mental representation, cognitive architecture, the acquisition and use of language. Students cannot receive credit for both PHI/PSY 425 and PHI/PSY 525.

Prerequisite: One upper-level PHI, PSY, CSC or Linguistics course.

Credit is not allowed for PHI 425 and PHI/PSY 525.

*GEP Humanities, GEP Interdisciplinary Perspectives*

*Typically offered in Spring only*

**PSY 430 Biological Psychology** (3 credit hours)

Biological mechanisms of behavior, including elementary neuroanatomy and neurophysiology, sensory and motor processes, and their application to motivation, learning, and psychological processes.

Prerequisite: PSY 200 and (BIO 105/106 or BIO 181 or BIO 183)

*Typically offered in Fall, Spring, and Summer*

**PSY 431 Health Psychology** (3 credit hours)

Introduction to health psychology. This course provides an overview of the field of health psychology, which is concerned with how behavior and psychological states influence physical health (i.e., how people stay healthy, why people become ill, and how people respond to illness). Application of psychological theory and research methods to such topics as: pain, stress and coping, helplessness and control, reactivity to stress, the effectiveness of behavioral interventions in health, illness prevention, health maintenance, recovery from injury and chronic pain, adjustment to chronic illness, treatment compliance.

Prerequisite: PSY 200 and (PSY 230 or PSY 240/242 OR equivalent research methods course).

*Typically offered in Fall and Spring*

**PSY 432 Human Sexuality and Intimate Relationships** (3 credit hours)

The course will focus on sexuality and intimate relationships from a biopsychosocial approach. We will explore concepts such as the development of gender identity and gender roles, sexual identity, intimacy, and sexuality across the lifespan by applying different psychological, cultural, and biological approaches, as well as discussing different research methods in the area of sexual and relationship science.

Prerequisite: PSY 200

*GEP Interdisciplinary Perspectives, GEP Social Sciences*

*Typically offered in Fall only*

**PSY 436 Introduction to Psychological Measurement** (3 credit hours)

The basic principles of psychological measurement, including elementary statistical concepts, reliability, and validity. Emphasizes measurement in the science of psychology. Application of measurement principles to a wide variety of measurement problems.

Prerequisite: PSY 240-241

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 441 Environmental Psychology** (3 credit hours)

This course is an introduction to Environmental Psychology, which examines how we are influenced by the physical environment and how our actions in turn shape the environment in which we live. Topics include the behavioral, cognitive, and emotional effects of environmental stressors and natural environments; the aesthetic appraisals of architecture; and factors influencing pro-environmental behavior.

P: PSY 200

*GEP Interdisciplinary Perspectives, GEP Social Sciences*

*Typically offered in Fall, Spring, and Summer*

**PSY 442 Psychology and Law** (3 credit hours)

This course provides an introduction to the intersection of psychology and law. The focus is on the application of psychological knowledge, concepts, and research methodologies to understand human behavior in legal contexts, including topics such as eyewitness testimony, jury decision making, juvenile delinquency, and competency to stand trial. Students will explore the major areas of interest shared by psychology and law; compare and contrast the often conflicting perspectives of the fields of psychology and law; and become familiar with the roles of psychology in the criminal justice system.

Prerequisite: PSY 200

*GEP Interdisciplinary Perspectives, GEP Social Sciences*

*Typically offered in Fall and Spring*

**PSY 465 Advanced Methods in Psychology** (3 credit hours)

Provides students with practical experience in psychological research. Emphasis will be on hands-on training in analyzing data to develop practical problem-solving skills important in psychology research as well as in other related careers working with data.

Prerequisite: PSY 230 and ST 311

*Typically offered in Fall and Spring*

**PSY 470 Psychopathology and Mental Health** (3 credit hours)

An in-depth review of common forms of psychopathological conditions in children and adults. An emphasis is placed on historical and theoretical perspectives of psychopathology and mental health including issues of assessment and classification, etiology, symptoms, and treatments.

Prerequisite: PSY 200 or EDP 304

*Typically offered in Fall, Spring, and Summer*

**PSY 471 Psychology and Media** (3 credit hours)

The course focuses on understanding psychological concepts as they pertain to media consumption. Some questions we will examine throughout the semester are: How does media influence our attitudes and behaviors? Why do we have a preference for certain news sources? Why are some advertisements so memorable? What is it about some messages that makes them so persuasive? We will cover the connections between different forms of media and various topics, including bias and stereotyping, cognitive heuristics, language and social development, attitude formation, persuasion, politics, activism, group polarization, misinformation, mental health and well-being and more.

P: PSY 200

*GEP Social Sciences*

*Typically offered in Fall and Spring*

**PSY 475 Child Psychology** (3 credit hours)

Theories, methods, and phenomena of child psychology and application of this information to the enhancement of child development. Multiple aspects of development, including physical, cognitive/intellectual, and social/emotional development, from conception to adolescence. Emphasis on recent research findings in developmental psychology.

Prerequisite: PSY 200 or 304 or EDP 304; PSY 376

*Typically offered in Fall and Spring*

**PSY 476/EDP 476 Psychology of Adolescent Development** (3 credit hours)

Theories, principles, and issues of human psychological development emphasizing adolescence. Cognitive, social, and physical changes; their interaction. Implications for teaching and parenting adolescents.

Prerequisite: PSY 200 or EDP 304

*Typically offered in Fall, Spring, and Summer*

**PSY 477 Psychology of Aging** (3 credit hours)

In this course, we use a multidisciplinary perspective to highlight the diversities of psychological development in adulthood and old age by examining the cultural, biological, emotional, cognitive, and social aspects of aging. We will discuss real-life issues (e.g. health care, retirement, hospice) and potential implications for improving the lives of older adults.

P: PSY 200 and PSY 376

*GEP Social Sciences, GEP U.S. Diversity, Equity, and Inclusion*

*Typically offered in Fall and Spring*

**PSY 491/PSY 590 Special Topics in Psychology** (3 credit hours)

Exploration in depth of advanced areas and topics of current interest in psychology.

Prerequisite: PSY 200

*Typically offered in Fall and Spring*

**PSY 495 Community-Based Applied Psychology** (4 credit hours)

Service learning course that covers one or more areas of psychological practice, including relevant research methods, community engagement principles and practices, and ethical issues. Includes learning about psychological practice in at least one of the following settings: health, education, work settings, law, sports, community-based setting, consumer markets, and/or cross-cultural settings. Explores professional roles and contributions in the contexts of social, education, organizational and/or technological change. An internship liability insurance fee is required.

Prerequisite: PSY 200 and PSY 230

*Typically offered in Fall and Spring*

**PSY 497 Undergraduate Learning Assistants** (1-6 credit hours)

This high-impact practice course provides an opportunity for students to learn about college teaching through readings, reflections, and hands-on experience in a classroom setting. Undergraduate learning assistants (ULAs) assist instructors in teaching preparations and they assist students in the learning process.

Requirement: PSY Majors and Juniors or above

*Typically offered in Fall and Spring*

**PSY 498 Psychology Honors Seminar** (3 credit hours)

Seminar and independent study under faculty direction. Provides the undergraduate psychology honors students with an opportunity to practice skills in designing, conducting, and evaluating research. The student, working closely with a faculty advisor, designs a research approach to a particular body of literature, accumulates appropriate data, and analyzes and evaluates the data. Must take two semesters

Prerequisite: HRD and PSY honors students

*Typically offered in Fall, Spring, and Summer*

*This course is offered based upon demand*

**PSY 499 Individual Study in Psychology** (1-6 credit hours)

Individual research project (literature review, experiment, survey, field study) open to any undergraduate, under the direction of a Psychology Department faculty member.

Corequisite: PSY 495 for HRD majors during their work semester

*Typically offered in Fall, Spring, and Summer*

**PSY 500 Visual Perception** (3 credit hours)

Detailed consideration of anatomy and physiology of visual system (both peripheral and central components). Modern quantitative approaches to psychophysical problems of detection, discrimination, scaling. Examination of chief determinants of visual perception, including both stimulus variables and such organismic variables as learning, motivation and attention. Discussion of perceptual theory and processes emphasizes several topics in two- and three-dimensional spatial perception.

Prerequisite: Graduate standing

*Typically offered in Fall only*



**PSY 502 Physiological Psychology** (3 credit hours)

Physiological foundations of behavior, basic vertebrate neuroanatomy and neurophysiology.

Prerequisite: Twelve hours of PSY including PSY 200, 400, 410

*Typically offered in Spring only*

**PSY 504 Evolutionary Psychology** (3 credit hours)

Emphasis upon use of evolutionary theory to understand the interaction of genetic and environmental influences on human behavior and thought. Topics include human mating, kinship, parenting, cooperation, aggression, cognition, and morality.

*Typically offered in Fall and Spring*

**PSY 508 Cognitive Processes** (3 credit hours)

Emphasis upon the results from research on a number of complex processes (e.g., remembering, concept learning, problem solving, acquisition and use of language) and the theories that have been proposed to explain these results.

Prerequisite: Graduate standing or PBS status

*Typically offered in Fall only*

**PSY 510 Advanced Problems In Psychology** (1-3 credit hours)

Offers opportunities to explore various areas of psychology. Sections: Section D, developmental psychology; Section X, experimental psychology; Section I, industrial-organizational and vocational psychology; Section S, social psychology.

Prerequisite: Graduate standing

*Typically offered in Fall and Spring*

**PSY 511 Advanced Social Psychology** (3 credit hours)

A survey of theory and research in social psychology through reading and discussion of primary source materials. In addition, the course deals with issues of methodology, ethical questions in social psychological research and application of research findings to the world at large.

Prerequisite: Graduate standing or PBS status

*Typically offered in Fall only*

**PSY 525/PHI 525 Introduction To Cognitive Science** (3 credit hours)

Philosophical foundations and empirical fundamentals of cognitive science, an interdisciplinary approach to human cognition. Topics include: the computational model of mind, mental representation, cognitive architecture, the acquisition and use of language. Students cannot receive credit for both PHI/PSY 425 and PHI/PSY 525.

Prerequisite: Graduate standing. Credit is not allowed for PHI 525 and PHI/PSY 425.

*Typically offered in Spring only*

**PSY 535 Tests and Measurements** (3 credit hours)

A study of the principles of psychological testing including norms and units of measurement, elementary statistical concepts, reliability and validity. In addition, some attention devoted to the major types of available tests such as general intellectual development, tests of separate abilities, achievement tests, measures of personality and interest inventories.

Prerequisite: Six hours of PSY program

*Typically offered in Fall and Spring*

**PSY 540/ISE 540 Human Factors In Systems Design** (3 credit hours)

Introduction to problems of the systems development cycle, including human-machine function allocation, military specifications, display-control compatibility, the personnel sub-system concept and maintainability design. Detailed treatment given to people as information processing mechanisms.

Prerequisite: IE 452 or PSY 340, Corequisite: ST 507 or 515

*Typically offered in Spring only*

**PSY 541 Overview of Human Factors Psychology** (3 credit hours)

An overview of Human Factors Psychology covering a large number of tools, topics, and exercises important for the field of human factors. Includes topics fundamental to human factors research, such as attention, decision making, and motor control, as well as specific domains within human factors, such as information technology, healthcare, aging, and transportation, with particular emphasis on the methods used for study of these areas. A group project will give students experience with the usability evaluation process.

*Typically offered in Fall only*

**PSY 558 Psychology and the African Experience** (3 credit hours)

An ethnographic approach to the psychology of peoples of African descent through examination of the influence of historical and cultural phenomena. Specific attention to understanding the Africentric world view and issues of mental health, personality and identity development, racism, oppression and empowerment.

Prerequisite: Six hours PSY program

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 582/EDP 582 Adolescent Development** (3 credit hours)

Current theories and research on development during adolescence. Topics include: physical growth, cognitive changes, relationships with peers, parents and teachers, quest for identity and independence, morality and sexuality.

Prerequisite: 6 hours in PSY

*Typically offered in Spring and Summer*

*This course is offered alternate years*

**PSY 584 Advanced Developmental Psychology** (3 credit hours)

A survey of the role of growth and development in human behavior, particularly during the child and adolescent periods. This course pays particular attention to basic principles and theories in the area of developmental psychology.

Prerequisite: Nine hrs. of PSY, including PSY 376, PSY 475 or PSY 476

*Typically offered in Fall only*

**PSY 590/PSY 491 Special Topics in Psychology** (3 credit hours)

Exploration in depth of advanced areas and topics of current interest in psychology.

Prerequisite: PSY 200

*Typically offered in Fall and Spring*

**PSY 591 History and Systems Of Psychology** (1-3 credit hours)

Aim of this course is to acquaint students with the history of psychology and psychological systems and to give students some practice in taking different approaches to a particular problem area.

Prerequisite: PSY 200, 400, 410, 420, Consent of Instructor or Graduate standing

*Typically offered in Spring only*

**PSY 641 Psychological Clinic Practicum** (1-12 credit hours)

Clinical participation in interviewing, counseling, psycho-therapy and administration of psychological tests. Practicum to be concerned with adults and children.

Prerequisite: Twelve hrs. in grad. PSY, which must include clinical skill courses PSY 722 and PSY 723.

*Typically offered in Fall and Spring*

**PSY 651 Internship In Psychology** (1-6 credit hours)

Supervised work experience in an appropriate setting with professional supervision in the field from a doctoral level psychologist with credentials and/or experience in the appropriate specialty in psychology. Experience consists of full time for one semester or half time for an academic year or equivalent time.

Prerequisite: Approval of advisory committee

*Typically offered in Fall and Spring*

**PSY 680 Directed Study Psychology** (1-6 credit hours)

Research project for graduate students supervised by members of the graduate faculty. Research to be elected on basis of interest of student and not to be part of thesis or dissertation research. Credits Arranged

*Typically offered in Fall, Spring, and Summer*

**PSY 685 Master's Supervised Teaching** (1-3 credit hours)

Teaching experience under the mentorship of faculty who assist the student in planning for the teaching assignment, observe and provide feedback to the student during the teaching assignment, and evaluate the student upon completion of the assignment.

Prerequisite: Master's student

*Typically offered in Spring and Summer*

**PSY 693 Master's Supervised Research** (1-9 credit hours)

Instruction in research and research under the mentorship of a member of the Graduate Faculty.

Prerequisite: Master's student

*Typically offered in Spring and Summer*

**PSY 695 Master's Thesis Research** (1-9 credit hours)

Thesis Research

Prerequisite: Master's student

*Typically offered in Fall, Spring, and Summer*

**PSY 696 Summer Thesis Research** (1 credit hours)

For graduate students whose programs of work specify no formal course work during a summer session and who will be devoting full time to thesis research.

Prerequisite: Master's student

*Typically offered in Summer only*

**PSY 699 Master's Thesis Preparation** (1-9 credit hours)

For students who have completed all credit hour requirements and full-time enrollment for the master's degree and are writing and defending their thesis. Credits arranged

Prerequisite: Master's student

*Typically offered in Spring only*

**PSY 704 Learning and Motivation** (3 credit hours)

A systematic analysis of some of the major classes of variables determining behavioral change. Learning variables analyzed within their primary experimental setting, and emphasis upon the diversity of the functions governing behavior change rather than upon the development of some comprehensive theory. Examination of both learning and motivational variables as they contribute to changes in performance within the experimental setting.

Prerequisite: Graduate standing or PBS status

*Typically offered in Spring only*

**PSY 705 Affect and Cognition** (3 credit hours)

Critical examination of research and theory dealing with the intersection of affect and cognition. Topics will include the impact of emotion, mood and other aspects of affective experience on memory, decision making, judgment, and reasoning. Developmental and individual difference will be explored, as will the neuropsychological underpinnings of observed relationships.

Prerequisite: Six Hours of Graduate Level PSY

*Typically offered in Spring only*

*This course is offered alternate even years*

**PSY 706/WGS 706 Psychology of Gender** (3 credit hours)

Current theory and research on perceived and actual biological, social, cognitive, personality, and emotional similarities and differences of men and women throughout lifespan. Construction and consequences of gender in our society and others.

*Typically offered in Fall and Spring*

**PSY 710 Special Topics In Psychology** (1-3 credit hours)

Course provides opportunity for exploration in depth of advanced topical areas which, because of their degree of specialization, are not generally involved in other courses; for example, multivariate methodology in psychology, computer simulation, mathematical model building. Some new 700-level courses will first be offered under this title during developmental phase and as such may involve lectures and/or laboratories.

Prerequisite: Graduate standing

*Typically offered in Fall and Spring*

**PSY 714 Social Psychology: Small Groups Research** (3 credit hours)

Surveys the literature and research pertaining to social psychological processes in and between groups. Course content includes basic principles of group formation, role differentiation, communication, influence, norms, social exchange, equity, cooperation/conflict, decision making and pro-social behavior. Environmental factors affecting group behavior also considered. In conjunction with each substantive topic, suitable methodologies for research considered.

Prerequisite: PSY 511

*Typically offered in Spring only*

**PSY 721 Area Seminar In School Psychology** (1-6 credit hours)

The following topics dealt with: (1) the development of school psychology as a professional area, (2) methods of inquiry, (3) scientific and theoretical bases, (4) contemporary issues, (5) ethical questions, (6) relationship to other areas within psychology.

Prerequisite: Graduate standing or PBS status

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 722 Individual Intelligence Measurement** (4 credit hours)

Theoretical approaches to and individual assessment of intellectual functioning, child development, adaptive behavior, and visual motor functioning. Administration, scoring, and interpretation of current standardized instruments and nonstandardized assessment. Written communication of findings.

Prerequisite: PSY 535 and consent of school psychology coordinator

*Typically offered in Fall only*

*This course is offered alternate years*

**PSY 723 Personality Measurement** (3 credit hours)

Theory and practicum in individual personality testing of children and adults with emphasis on projective techniques, other personality measures, report writing and case studies.

Prerequisite: PSY 722

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 724 Psychological Intervention I** (3 credit hours)

Designed to examine theories, research, techniques, ethics and professional responsibilities related to approaches to psychological intervention. Types of psychological intervention include behavior modification, milieu approaches, crisis intervention techniques and group process methods, in addition to more intensive relationship approaches. A close integration of experiences, content and supervision emphasized in a variety of professional settings with a wide range of personal problems and age groups.

Prerequisite: PSY 723

*Typically offered in Fall only*

*This course is offered alternate years*

**PSY 725 Psychological Intervention II** (3 credit hours)

The primary purpose of this course is to provide students opportunities to acquire information, conceptual frameworks, interpersonal skills and a sense of ethical responsibility, all basic to their further development as practicing psychologists. A major effort in the course made to help the student increase his/her interpersonal skills as a means of promoting the psychological growth and effective-ness of others.

Prerequisite: PSY 724

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 727 Psychological Consultation** (3 credit hours)

Introduction to psychological consultation with emphasis on school setting. Presentation of various consultation models and theoretical bases. Development of skills in practice of consultation.

Prerequisite: Nine hrs. grad. PSY or ED

*Typically offered in Spring only*

**PSY 734 Structural Equation Modeling in Psychology** (3 credit hours)

This advanced method course is designed to introduce graduate level students in psychology to structural equation modeling (SEM). We will focus on typical topics in psychology, such as using confirmatory factor analysis (e.g. determining factor structure of questionnaires), structural models (e.g. for testing theories), multi-group SEM models (e.g. for examining group differences), and latent growth curve models for longitudinal data.

*Typically offered in Fall only*

**PSY 740/ISE 740 Engineering Psychology of Human-computer Interaction** (3 credit hours)

Exploration of usability of computer technology. Theory and practice of user-centered design for HCI applications. Course focuses on current usability paradigms and principles, psychology of users, iterative and participatory design processes, system requirements specification, prototyping, user support systems, usability evaluation and engineering, interface design guidelines and standards. Application domains include, universal design, virtual reality, and scientific data visualization.

Prerequisite: IE(PSY) 540 or CSC 554

**PSY 743/ISE 743 Ergonomic Performance Assessment** (3 credit hours)

Fundamentals of ergonomic performance measurement used to assess the effects of environment and system design on human performance. Treatment of topics such as workload measurement, measurement of complex performance, simulator studies, measurement of change, task taxonomies, criterion task sets and statistical methods of task analysis. Problems of laboratory and field research, measurement of change and generalizability of findings.

Prerequisite: PSY 200, ST 507 and 508

*Typically offered in Fall only*

*This course is offered alternate years*

**PSY 745/ISE 745 Human Performance Modeling** (3 credit hours)

Advanced aspects of human performance research. Qualitative models of human information processing. Characteristics and role of memory in decision making and response execution. Sensory channel parameters, attention allocation, time-sharing of tasks. Situation awareness and workload responses in complex tasks. Limitations of human factors experimentation. Factors in human multiple task performance. Cognitive task analysis and computational cognitive modeling/simulation of user behavior in specific applications.

Prerequisite: ST 507 or 515 or equivalent; IE (PSY) 540, CSC 554 or IE (PSY) 744

**PSY 750 The Psychology of Inequality** (3 credit hours)

The following topics dealt with: (1) inequality and social justice as key areas of inquiry for Applied Social and Community Psychology, (2) methods of inquiry for social change, (3) contemporary issues, (4) ethical questions, (5) relationship to other areas within psychology.

*Typically offered in Fall only*

**PSY 751 Intervention Planning & Evaluation** (3 credit hours)

Review of the literature, methods and research issues in the field of program intervention, planning and evaluation. Goal-setting, needs assessment, information systems, subjective probability, human resource accounting, decision processes, incentive programs, human productivity and related subjects. Focus on planning and evaluation methods for communities and organizations.

Prerequisite: Graduate standing or PBS status, Corequisite: ST 507

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 752 Research Methods in Psychology** (3 credit hours)

Research Methods in Psychology offers a broad overview of behavioral science research methods. It starts with an understanding of the philosophy of psychological science and then elaborates on fundamental research methodologies in psychology. Discussions of open science, replication, and best practices are integrated throughout.

Prerequisite: ST 511, Corequisite: ST 508

*Typically offered in Spring only*

**PSY 753 Principles and Practice Of Ecological/Community Psychology** (3 credit hours)

Introduction to community psychology and its attempt to redefine social problems according to an ecological frame-of-reference with emphasis on humanitarian values, cultural diversity, the promotion of a psychological sense of community among individuals and groups, and the need for psychologists to engage in systematic community research and action.

*Typically offered in Fall only*

*This course is offered alternate years*

**PSY 754 Health Psychology** (3 credit hours)

This course examines the application of psychological theories and methods to understand and intervene upon health risk, health behaviors, and health care. Application of psychological theory and research methods to such topics as: stress and coping, health behaviors, health interventions, illness prevention, health maintenance, adjustment to chronic illness, treatment concordance, health disparities and health equity, and healthcare experiences and systems.

*Typically offered in Spring only*

**PSY 757 Innovation and Technology** (3 credit hours)

Social science theory and research on innovation process and consequences of deploying and implementing technologies. Interactions between social and technical systems: R&D management; social/administrative technology; adoption and dissemination; public policy; computer-mediated communications; implementation; and intended and unintended outcomes for individuals, organizations and society.

Prerequisite: 3 hrs. grad. ST or research methods

*Typically offered in Fall only*

**PSY 758 Special Topics in Applied Social and Community Psychology** (3 credit hours)

Exploration of advanced specialized topics in Applied Social and Community Psychology to enhance in-depth graduate training in specific applied theories and methods. Seminar content will rotate, with attention to the development and evaluation of interventions to address important problems in individuals' well-being in society, particularly those faced by underrepresented groups. Graduate standing is required.

Prerequisite: 6 credit hours in GRAD PSY

*Typically offered in Fall and Spring*

**PSY 760 Psychometrics** (3 credit hours)

Theoretical and statistical approaches to understanding psychological measurement. Topics include detailed coverage of reliability, validity, and factor analysis.

Prerequisite: Six hours of graduate statistics, including linear regression

*Typically offered in Fall only*

**PSY 761 Advanced Psychometrics: Item Response Theory** (3 credit hours)

Item Response Theory approaches to advanced test construction and scoring; the investigation of test bias via item response theory methods.

Prerequisite: PSY 760

**PSY 762 Quasi-Experimental Evaluation Design** (3 credit hours)

An introduction to quasi-experimental design as applied to HRD program evaluation: (1) Methods of assessing informational needs, (2) recognition of internal and external validity threats, (3) design of quasi-experiments to minimize threats and (4) use of results by program decision makers.

Prerequisite: ST 507

*Typically offered in Spring only*

**PSY 764 Industrial Psychology** (3 credit hours)

Issues in psychology literature surrounding the person, organization, and job. Work analysis and design, recruitment, selection, training, and performance appraisal of employees. Emphasis on scientist-practitioner model throughout the course. Graduate standing or PBS status.

*Typically offered in Fall only*

**PSY 766 Personnel Selection Research** (3 credit hours)

A survey of theoretical, methodological and research literature on personnel selection. Topics include organization, task and person analyses, validation strategies, utility and equal opportunity issues and selection strategies. Emphasis on research.

Prerequisite: Six hrs. of grad. ST, PSY 760

*Typically offered in Fall only*

*This course is offered alternate years*

**PSY 767 Training Research** (3 credit hours)

A survey of conceptual and research literature on training. Topics include needs assessments, learning, transfer, maintenance, criterion and evaluation issues, as well as a review of research on specific training techniques. Emphasis on research methods and findings, not skill development in specific training techniques.

Prerequisite: Six hrs. of grad. PSY and six hrs. of grad. ST

*Typically offered in Fall only*

*This course is offered alternate years*

**PSY 768 Organizational Psychology I** (3 credit hours)

A survey of the application of behavioral science, particularly psychology and social psychology literature and research to organizational and management problems. Topics include work motivation and attitudes, job design, employee organizational commitment and work engagement.

P: ST 511 and 512

*Typically offered in Spring only*

**PSY 769 Work Motivation** (3 credit hours)

Theory and research in work motivation. An in-depth examination of motivation theory as it pertains to the study of individual behavior in work settings.

Prerequisite: PSY 768

*Typically offered in Spring only*

*This course is offered alternate years*



**PSY 770 Organization Development and Change** (3 credit hours)

A survey of theory and research in organization development. Attention directed to: (1) methods of diagnosing need for organizational change, (2) techniques currently used to implement and evaluate organizational change, (3) professional ethics and other issues dealing with client-consultant relationship. Emphasis on developmental approaches originating from psychology and allied fields.

Prerequisite: PSY 768

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 778 Organizational Psychology II** (3 credit hours)

A survey of the applications of behavioral science, particularly psychology and social psychology literature and research to organizational and management problems. Topics will pertain to the role of leadership in individual, team, and organizational performance.

*Typically offered in Fall only*

**PSY 785 Methodological Issues In Developmental Psychology** (3 credit hours)

Methodological issues, research designs and statistical techniques in developmental psychology. Role and meaning of age as a research variable. Interpretation of research reports. Ethical issues.

Prerequisite: PSY 584 and 3 hrs. of grad. statistics

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 786 Cognitive Development** (3 credit hours)

Examination of research and theory in cognitive development. Primary focus on childhood, but implications for the entire life span addressed. Application of cognitive developmental principles in creating interventions and educational programs also discussed.

Prerequisite: PSY 584

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 787 Social Development** (3 credit hours)

Survey of current theory and research on the development of social behavior systems, including attachment, aggression, gender-role behavior, prosocial behavior. Attention to the role of social class, race and culture, and to contemporary phenomena such as day care, single-parent and dual-career families, child abuse.

R: Psychology Graduate Status or Permission of Instructor

*Typically offered in Spring only*

*This course is offered alternate years*

**PSY 788 Adulthood and Aging: Cognitive and Intellectual Change** (3 credit hours)

Critical examination of theory and research associated with the study of cognitive and intellectual change in adulthood and aging. Memory and learning, information processing, language, intelligence, social cognition and expertise.

Prerequisite: PSY 584 or PSY 508

*Typically offered in Fall only*

*This course is offered alternate years*

**PSY 789 Socio-Emotional Processes In Adulthood and Aging** (3 credit hours)

Current theory and research on social, emotional and personality development during adulthood and aging. Generally including self-concept and identity, interpersonal relations (friendship, marriage, parenting, work), control, coping and life satisfaction. Attention to gender, culture and contemporary issues in adult development and aging.

Prerequisite: PSY 584

*Typically offered in Fall only*

*This course is offered alternate odd years*

**PSY 792 Psychology Of Families and Parenting** (3 credit hours)

Special topics in the area, including family influences on cognitive development, effects of parental divorce on children, single-parenting, step-families, child abuse and ethnic/cultural differences in family functioning. A critical examination of traditional and contemporary parenting approaches and an introduction to family therapy.

Prerequisite: Nine hrs. grad. PSY or ED

*Typically offered in Fall only*

*This course is offered alternate years*

**PSY 795 Stress and Coping** (3 credit hours)

Discussion of current research findings and theories in area of psycho-social stress. Topics include: biology of the stress response, methodology, physical, behavioral and psychological reactions to stress, and relationships between personality and social support to the development of stress-related disorders.

Prerequisite: Two grad. PSY courses

*Typically offered in Fall only*

*This course is offered alternate years*

**PSY 809 Psychology Colloquium** (1 credit hours)

*Typically offered in Fall only*

**PSY 811 Teaching Practicum** (1 credit hours)

This course is designed to introduce you to the teaching of Psychology and prepare you for developing and managing your future teaching responsibilities. This course will cover course design, instructional techniques, assessment practices, classroom management, use of technology, (university) resources, and regulations. This class consists mainly of group work, class discussion, and hands-on activities.

Restricted: Graduate Students in Psychology

*Typically offered in Spring only*

**PSY 820 Special Topics In Psychology** (1-6 credit hours)

Course provides opportunity for exploration in depth of advanced areas and topics of current interest.

Prerequisite: 6 hrs. of PSY, Corequisite: 3 hrs. of ST

*Typically offered in Fall and Spring*

**PSY 841 School Psychology Practicum** (1-6 credit hours)

Clinical participation in interviewing, counseling, psycho-therapy and administration of psychological tests. Practicum to be concerned with adults and children.

Prerequisite: Twelve hrs. in grad. PSY, which must include clinical skill courses PSY 722 and PSY 723

*Typically offered in Fall and Spring*

**PSY 846 Practicum in Industrial/Organizational Psychology** (3 credit hours)

Procedures and techniques used by Industrial and Organizational Psychologists in the field. Students write work proposals, conduct interventions in field, and codument results. Review one or more I/O procedure step-by-step.

Prerequisite: PSY 764

*Typically offered in Fall and Spring*

*This course is offered alternate odd years*

**PSY 851 Internship In Psychology** (1-6 credit hours)

Supervised work experience in an appropriate setting with professional supervision in the field from a doctoral level psychologist with credentials and/or experience in the appropriate specialty in psychology. Experience consists of full time for one semester or half time for an academic year or equivalent time.

Prerequisite: Master's degree in PSY and approval of advisory committee

*Typically offered in Fall and Spring*

**PSY 880 Directed Study In Psychology** (1-6 credit hours)

Research project for graduate students supervised by members of the graduate faculty. Research to be elected on basis of interest of student and not to be part of thesis or dissertation research. Credits Arranged

*Typically offered in Fall and Spring*

**PSY 885 Doctoral Supervised Teaching** (1-3 credit hours)

Teaching experience under the mentorship of faculty who assist the student in planing for the teaching assignment, observe and provide feedback to the student during the teaching assignment, and evaluate the student upon completion of the assignment.

Prerequisite: Doctoral student

*Typically offered in Spring and Summer*

**PSY 890 Doctoral Preliminary Exam** (1-9 credit hours)

For students who are preparing for and taking written and/or oral preliminary exams.

Prerequisite: Doctoral student

*Typically offered in Spring and Summer*

**PSY 893 Doctoral Supervised Research** (1-9 credit hours)

Instruction in research and research under the mentorship of a member of the Graduate Faculty.

Prerequisite: Doctoral student

*Typically offered in Fall, Spring, and Summer*

**PSY 895 Doctoral Dissertation Research** (1-9 credit hours)

Dissertation Research

Prerequisite: Doctoral student

*Typically offered in Fall, Spring, and Summer*

**PSY 896 Summer Dissertation Research** (1 credit hours)

For graduate students whose programs of work specify no formal course work during a summer session and who will be devoting full time to thesis research.

Prerequisite: Doctoral student

*Typically offered in Summer only*

**PSY 899 Doctoral Dissertation Preparation** (1-9 credit hours)

For students who have completed all credit hour requirements, full-time enrollment, preliminary examination, and residency requirements for the doctoral degree, and are writing and defending their dissertations.

Prerequisite: Doctoral student

*Typically offered in Fall, Spring, and Summer*