

# PSYCHOLOGICAL SCIENCES (PSYS)

## PSYS 423G Psychology of Adult Life and Aging 3 Hours

Psychological processes in adulthood and aging. Emphasis on contemporary theories, methodological issues, and interactions of psychological, biological, social, and environmental factors in adulthood and aging.

*Recent Term(s) Offered: summer 2022; winter 2023*

## PSYS 431G Psychology of Language 3 Hours

Overview of scientific study of human language abilities, with primary emphasis on individual psychological mechanisms. Note: A research methods course required.

**Prerequisite(s):** permission of instructor

*Recent Term(s) Offered: None*

## PSYS 440G Abnormal Psychology 3 Hours

Introduction to abnormal psychology emphasizing forms of abnormal behavior, etiology, developmental factors, interpretations, behavioral manifestations and treatment programs.

**Prerequisite(s):** (PSY 100 or PSYS 100) or permission of instructor

**Equivalent(s):** PSY 440G

*Recent Term(s) Offered: None*

## PSYS 450G Psychology of Personality 3 Hours

Overview of the major theoretical approaches to the study of personality, including historical as well as contemporary theorists, avenues of analysis, and concepts.

**Prerequisite(s):** PSY 100 or PSYS 100

*Recent Term(s) Offered: None*

## PSYS 453G Psychology of Women 3 Hours

Scientific study of the behavior and mental processes of girls and women. Topics include gender differences and similarities, inclusion of females in psychological research, psychological development of girls and women, sexuality, and mental health issues.

*Recent Term(s) Offered: None*

## PSYS 465G Psychopharmacology 3 Hours

Examination of psychoactive drugs and their effects upon the brain and neural mechanisms responsible for mind and behavior.

**Prerequisite(s):** permission of instructor

*Recent Term(s) Offered: fall 2023; fall 2024*

## PSYS 473G Training in Business and Industry 3 Hours

Theories, research and methods of training needs analysis, program design, implementation, and evaluation.

**Prerequisite(s):** (PSYS 370 or MGT 311) or permission of instructor

*Recent Term(s) Offered: None*

## PSYS 510 Advanced Research Methods in Psychology 3 Hours

Examination of methodological concepts and issues in the conduct of psychological research.

**Restriction(s):** Enrollment is limited to students in Psychology (0469)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

## PSYS 512 Analysis of Variance 3 Hours

Examines the theory behind and application of between- and within-subjects designs, mixed designs, and other data analytic techniques with an emphasis on analysis of variance.

**Restriction(s):** Enrollment is limited to students in Psychology (0469)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

## PSYS 513 Correlation and Regression Analysis 3 Hours

Advanced analysis techniques appropriate to psychological research. Emphasizes regression analysis, partial correlation, moderated multiple regression, and analysis of covariance.

**Restriction(s):** Enrollment is limited to students in Psychology (0469)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

## PSYS 518 Statistics and Psychometric Theory 3 Hours

Introduction to psychometric theory. Emphasis on statistical techniques and construction of psychological measurement instruments.

**Restriction(s):** Enrollment is limited to students in Psychology (0469)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

## PSYS 520 Individual Differences and Human Diversity 3 Hours

Research and theory in aspects of human diversity, including intelligence, motivation, personality, achievement, and aptitudes. Both individual and group differences are addressed, and sources of diversity are explored.

*Recent Term(s) Offered: None*

## PSYS 521 Advanced Child Developmental Psychology 3 Hours

Particular emphasis on a critical review of current research in child development.

*Recent Term(s) Offered: fall 2023*

## PSYS 530 Conditioning and Learning 3 Hours

Advanced discussion and critical analysis of theoretical approaches to associative learning with particular emphasis on experimental studies of Pavlovian and instrumental conditioning, motivation, and affect.

**Restriction(s):** Enrollment is limited to students in Psychology (0469)

*Recent Term(s) Offered: spring 2022*

## PSYS 533 Advanced Topics in Cognition 3 Hours

Advanced overview of human cognition. Covers theory and research on the topics of learning, memory, attention, judgment and decision making, and problem-solving.

**Restriction(s):** Enrollment is limited to students in Psychology (0469)

*Recent Term(s) Offered: fall 2023*

## PSYS 552 Advanced Social Psychology 3 Hours

Behavior of the individual in relation to social contexts. Topics include group dynamics, attitude formation and change, social influence processes, socialization, and language use in communication.

**Restriction(s):** Enrollment is limited to students in Psychology (0469) or Psychology (092)

*Recent Term(s) Offered: spring 2022; spring 2024*

## PSYS 565 Cognitive Neuroscience 3 Hours

Graduate level introduction to the functional role of brain structure and activity in cognition and behavior.

*Recent Term(s) Offered: spring 2023*

**PSYS 567 Advanced Physiological Psychology 3 Hours**

Anatomy of the nervous system, relationships among the components of the nervous system and psychological functioning.

**Restriction(s):** Enrollment is limited to students in Psychology (0469) or Psychology (092)

*Recent Term(s) Offered: fall 2022; fall 2024*

**PSYS 570 Job Analysis and Compensation 3 Hours**

Overview of the I/O discipline with an emphasis on job analysis and compensation.

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**PSYS 571 Personnel Psychology 3 Hours**

Employee selection procedures, with emphasis on criterion and validity issues. Direct involvement in data collection and analysis.

**Prerequisite(s):** PSYS 570

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**PSYS 572 Organizational Psychology 3 Hours**

Selected topics relevant to work organizations. Emphasizes current theories and research practices.

**Prerequisite(s):** PSYS 570

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**PSYS 579 Internship in Industrial-Organizational Psychology 1-3 Hours** (repeatable max of 6 hrs)

Internship experience for IO psychology graduate students. Student is required to locate appropriate internship site; site must be approved by faculty prior to registration.

**Prerequisite(s):** PSYS 570 and PSYS 571 and PSYS 572

*Recent Term(s) Offered: summer 2022; fall 2022; summer 2023; summer 2024*

**PSYS 581 Professional and Ethical Issues in Psychological Sciences 3 Hours**

Professional and ethical issues for basic and applied psychological sciences.

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**PSYS 590 Readings of Research Psychology 1-3 Hours** (repeatable max of 9 hrs)

Individual readings or research.

**Prerequisite(s):** permission of instructor

*Recent Term(s) Offered: spring 2022; spring 2023; fall 2023; spring 2024; fall 2024*

**PSYS 595 Practicum in Psychological Sciences 1-3 Hours** (repeatable max of 4 hrs)

Supervised practical experience in a research setting.

**Restriction(s):** Enrollment is limited to students in Psychology (0469)

*Recent Term(s) Offered: spring 2022; fall 2022; spring 2023; fall 2023; spring 2024; fall 2024*

**PSYS 599 Thesis Research/Writing 1-6 Hours** (repeatable max of 6 hrs)

Research hours dedicated to the completion of psychology graduate program thesis.

**Restriction(s):** Enrollment is limited to students in Psychology (0469)

*Recent Term(s) Offered: spring 2022; summer 2022; fall 2022; spring 2023; summer 2023; fall 2023; spring 2024; summer 2024; fall 2024*

**PSYS 600 Maintaining Matriculation 1 Hour** (repeatable max of 6 hrs)

Maintaining matriculation.

**Restriction(s):** Enrollment is limited to students in Psychology (0469)

*Recent Term(s) Offered: spring 2022; summer 2022; summer 2023; summer 2024; fall 2024*

**PSYS 640 Psychopathology 3 Hours**

Major forms of child and adult psychopathology with emphasis upon recent research, classification systems, the modification of deviant behavior and developmental patterns of learning and motivation variables.

*Recent Term(s) Offered: fall 2022; fall 2024*

**PSYS 641 Theories of Psychotherapy 3 Hours**

Selected theories and techniques of psychotherapy and counseling. Also covers group therapy, clinical topics, and professional and ethical issues.

**Prerequisite(s):** permission of instructor

*Recent Term(s) Offered: spring 2022; spring 2024*

**PSYS 670 Equal Employment Opportunity, the Law, and Ethical Considerations 3 Hours**

Issues relevant to providing equal employment opportunity: EEOC and FEA guidelines regarding selection practices; review of major court decisions and their implications for the conduct of selection; professional and ethical considerations in the practice of I/O psychology.

**Prerequisite(s):** PSYS 570

*Recent Term(s) Offered: spring 2023; spring 2024*

**PSYS 673 Advanced Training in Business and Industry 3 Hours**

Theories, research and methods of training needs analysis, program design, implementation, and evaluation.

**Prerequisite(s):** PSYS 571 or permission of instructor

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*