

# PSYCHOLOGY (PSYC)

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## **PSYC 101 Introduction to Psychology (3 credits)**

General Education: Social and Behavioral Ways of Knowing  
Intro to psychology topics, including sensation and perception, learning and thinking, motivation, personality and adjustment, social processes, psychological testing; emphasis on fundamental principles. Typically Offered: Fall and Spring.

## **PSYC 200 (s) Seminar (1-16 credits)**

Credit arranged  
**Prereqs:** PSYC 101.

## **PSYC 201 Survey of Contemporary Psychology (1 credit)**

Introduces students to the psychology major, the psychology faculty, and current research in psychology. Each week a different faculty member will discuss the history, methods, major findings, and recent developments in their main areas of study.

**Prereqs:** PSYC 101.

## **PSYC 203 (s) Workshop (1-16 credits)**

Credit arranged  
**Prereqs:** PSYC 101.

## **PSYC 204 (s) Special Topics (1-16 credits)**

Credit arranged  
**Prereqs:** PSYC 101.

## **PSYC 215 Quantitative Methods in Psychology (3 credits)**

Primarily for majors in psychology. Introduction to data analytic techniques used by psychologists. Typically Offered: Fall and Spring.

**Prereqs:** PSYC 101 and completion of a math or statistics course (MATH 108, MATH 123, MATH 143, MATH 160, MATH 170, STAT 153, or STAT 251).

## **PSYC 218 Introduction to Research in the Behavioral Sciences (4 credits)**

Primarily for majors in psychology. Logic and method of empirical research in the behavioral sciences; design, execution, and reporting of psychological experimentation and research. Three lectures and one 2-hour lab per week.

**Prereqs:** PSYC 101

**Prereqs or Coreqs:** PSYC 215 or STAT 251

## **PSYC 299 (s) Directed Study (1-16 credits)**

Credit arranged  
**Prereqs:** PSYC 101

## **PSYC 305 Developmental Psychology (3 credits)**

Conception through late adolescence; genetics, anatomy, physiology, biological changes during development, learning, socialization, cognition, and personality.

**Prereqs:** PSYC 101 or EDCI 301

## **PSYC 310 Psychology of Personality (3 credits)**

Theories of personality, basic concepts, techniques of measurement, and experimental methods; the normal personality.

**Prereqs:** PSYC 101

## **PSYC 311 Abnormal Psychology (3 credits)**

Nature, causes, treatment, and prevention of patterns of emotional disturbances and personality disorders, including neuroses and psychoses.

**Prereqs:** PSYC 101

## **PSYC 315 Psychology of Women (3 credits)**

General Education: American Diversity

This course will cover the empirical research regarding gender differences in domains that are of particular interest to women. These topics will include but not be limited to women in the workplace, cognitive and socialization differences, work-family issues, sexuality, childhood, adolescence, motherhood, identity, and intimate relationships. Typically Offered: Fall.

**Prereqs:** PSYC 101

## **PSYC 319 Environmental Psychology (3 credits)**

This course will cover the empirical social science research on a variety of topics within environmental psychology. Specific topics include: conservation, population psychology, built environments, human territoriality, personal space, crowding, environmental stressors, environmental symbolism, cognitive processes, sustainability of spaces and communities. Typically Offered: Varies.

## **PSYC 320 Introduction to Social Psychology (3 credits)**

Theories, concepts, and research on the social bases of behavior and social interaction; topics of personal and social relevance, aggression, prejudice, altruism and helping behavior, interpersonal attraction, behavior in groups, conformity, attitudes, authoritarianism, and obedience to authority.

**Prereqs:** PSYC 101

## **PSYC 325 Cognitive Psychology (3 credits)**

Joint-listed with PSYC 525

Survey and analysis of major topics in field; emphasis on contemporary research and theory; related topics in perception, memory, and information processing and transformation. Additional projects/ assignments required for graduate credit.

**Prereqs:** PSYC 101

## **PSYC 330 Human Sexuality (3 credits)**

Joint-listed with PSYC 530

Introduction to the fundamentals of human sexuality; emphasis on current trends and research. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

## **PSYC 345 Group Dynamics (3 credits)**

Joint-listed with PSYC 545

This course will cover the empirical research regarding group dynamics, including topics of leadership, cohesion, team building, understanding group level data, problem solving, group mood, group creativity, transactive memory, information processing, and other small group processes. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

## **PSYC 347 Survey of Helping Professions (3 credits)**

Survey of the helping professions involving psychological assistance, including clinical, counseling, school, social work, psychiatric nursing, chaplaincy/ministerial, non-traditional helpers, and peer helpers. Analysis of counseling methods, psychological testing, outcome studies, and professional issues.

**Prereqs:** PSYC 101

## **PSYC 360 Positive Psychology (3 credits)**

The scientific study of human strengths, life fulfillment, and optimal functioning. Topics include well-being, happiness, optimism, resilience, positive relationships, life meaning, gratitude, and positive development across the lifespan.

**Prereqs:** PSYC 101

**PSYC 372 Physiological Psychology (3 credits)**

Physiological bases of animal and normal human behavior.  
Recommended Preparation: BIOL 102/BIOL 102L or higher.

**Prereqs:** PSYC 101

**PSYC 380 Activities-Based Therapies (3 credits)**

Techniques based on physical and recreational activities, including crafts, individual and team sports, recreational reading and game-playing. The goal of such approaches is to assist clients in their return to an adaptive and or comfortable level of functioning. Both physical and psychological functioning are emphasized.

**Prereqs:** PSYC 101 or Instructor Permission

**PSYC 390 Psychology of Learning (3 credits)**

Experimental literature of the nature and conditions of classical and operant conditioning, verbal learning, and cognition.

**Prereqs:** PSYC 101

**PSYC 400 (s) Seminar (1-16 credits)**

Credit arranged

**Prereqs:** PSYC 101.

**PSYC 403 (s) Workshop (1-16 credits)**

Credit arranged

**Prereqs:** PSYC 101.

**PSYC 404 (s) Special Topics (1-16 credits)**

Credit arranged

**Prereqs:** PSYC 101.

**PSYC 405 (s) Professional Development (1-16 credits)**

Credit arranged

**PSYC 414 Traumatic Events: Preparation, Intervention, Evaluation (3 credits)**

Cross-listed with ORGS 414

Traumatic Events (TEs) range from local to large scale human-induced or catastrophic natural disasters (violent crimes, major accidents, weather events, etc. ). This course is designed to address integral response elements: (a) preparation (e. g. , organizing, planning, training, equipping) (b) intervention (e. g. , multi-agency coordination, logistics, triage, first & secondary responses, volunteers, incident command, communication, mitigation, psychological first aid, media, safety, security) (c) evaluation (e. g. , after-action reports, lessons learned, hot wash, best practices, research).

**Prereqs:** PSYC 101 or Instructor Permission

**PSYC 415 History and Systems of Psychology (3 credits)**

General Education: Senior Experience

History of psychology as a field of scientific inquiry; overview of development of schools of thought, prominent figures, and key theories.  
Recommended Preparation: Two upper-division psychology courses.

**Prereqs:** PSYC 101

**PSYC 416 Industrial/Organizational Psychology (3 credits)**

Joint-listed with PSYC 516

Application of psychological principles to the study of work behavior; includes topics such as personnel selection, performance appraisal, training, work motivation, teams, leadership, and job attitudes. Additional work required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 419 Adult Development and Aging (3 credits)**

General Education: American Diversity

Analysis of change from early adulthood through death in the areas of social, cognitive, and physical development; examination of theories, concepts, and research in the area of lifespan development; study of the problems of aging, plasticity of functioning, and ingredients of successful aging. Typically Offered: Spring.

**Prereqs:** PSYC 101

**PSYC 420 Personality and Social Development (3 credits)**

Personality and social development from birth through adolescence, including such topics as attachment, aggression, impulse control, sex differences, self concept, moral development, and effects of parental child rearing styles.

**Prereqs:** PSYC 101 and PSYC 305, or Permission

**PSYC 421 Cognitive Development (3 credits)**

Intellectual development of child from birth to maturity, mechanisms of intellectual growth, relationship between language and cognitive development.

**Prereqs:** PSYC 101 and PSYC 305, or Permission

**PSYC 422 Disorders of Childhood and Adolescence (3 credits)**

Overview of psychological disorders that affect children and adolescents; emphasis on how childhood mental illness is defined, diagnosed, and treated within multiple theoretical perspectives. Examines how multiple, interacting events shape both adaptive and maladaptive developmental outcomes.

**Prereqs:** PSYC 101 and PSYC 305, or Permission.

**PSYC 425 Psychology of Action (3 credits)**

The psychology of action is about the mind-body connection: what are the underlying psychological and neurological processes that enable us to translate our intentions into action, and that prevent us from doing things as well as we would like? Action control is a fundamental topic in psychology, neuroscience, and related disciplines, important for rehabilitation, training, design of usable devices, and insight into the functioning of the nervous system as a whole. Topics include perceptual-motor integration, skill acquisition, and planning and generation of simple and complex movements.

**Prereqs:** PSYC 101 and PSYC 218

**PSYC 430 Tests and Measurements (3 credits)**

Review of the major principles of test development including test construction and methods for determining test validity and reliability, some of the currently used scales, and study of scaling methods such as Thurstone scales, Likert scales, and semantic differentials.  
Recommended Preparation: STAT 251.

**Prereqs:** PSYC 101

**PSYC 435 Personnel (3 credits)**

Cross-listed with ORGS 435

Joint-listed with PSYC 535 and ORGS 535

Review of theory and methods related to personnel issues; includes topics such as individual differences, selection, psychometrics, compensation, training programs, and performance appraisal. Additional work required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 440 Psychology of Judgement and Decision Making (3 credits)**

This course is an introduction to the psychological study of judgment and decision-making. By examining both laboratory and real-world research, we will learn how people (both laypersons and experts) actually make decisions and judgments and how various biases and heuristics can influence their judgments and decisions.

**Prereqs:** PSYC 101

**PSYC 441 Human Relations in the Workplace (3 credits)**

Cross-listed with ORGS 441

Joint-listed with PSYC 541 and ORGS 541

Overview of the general theory and methods of organizational effectiveness; focus on how individual or group behavior is affected by the organizational environment; includes topics such as work motivation, leadership, teams, culture/climate, and job attitudes. Additional assignments/projects required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 444 Sensation and Perception (3 credits)**

Fundamental processes and variables in sensory, perceptual, and cognitive experiences of humans.

**Prereqs:** PSYC 101 and PSYC 218

**PSYC 446 Engineering Psychology (3 credits)**

Application of principles of experimental psychology to analysis of interaction of the human operator with machine systems and work environments; emphasis on psychological aspects of human performance. Cooperative: open to WSU degree-seeking students.

**Prereqs:** PSYC 101; and PSYC 218 or STAT 301; or Permission

**PSYC 448 Psycholinguistics (3 credits)**

Survey of cognitive processes of language comprehension, language/speech production, and language acquisition. Recommended Preparation: ENGL 241 or ANTH 241, PSYC 101.

**Prereqs:** ENGL 102

**PSYC 450 Organizational Systems and Projects (3 credits)**

Cross-listed with ORGS 450

Joint-listed with ORGS 550

An exploration of Systems approaches to organizational performance. Includes coverage of goal setting, outcome determination, process management, performance feedback and evaluation, training support, and system revision/improvement. Additional project/assignments required for graduate credit. Typically Offered: Varies.

**Prereqs:** PSYC 101

**PSYC 456 Psychology of Emotion (3 credits)**

Theories of emotion; biological and social variables influencing the activation of emotion.

**Prereqs:** PSYC 101

**PSYC 470 Introduction to Chemical Addictions (3 credits)**

Understanding how individuals develop an addiction to psychoactive chemicals and how they recover from such an addiction; recognition, assessment, and treatment of various chemical addictions and how to do interventions for addicted individuals and their families; topics include drugs of abuse, symptoms and warning signs of chemical addiction, assessment, codependency, interventions, treatment, and recovery. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 472 Introduction to the Pharmacology of Psychoactive Drugs (3 credits)**

Joint-listed with PSYC 572

Overview of neural mechanisms, behavioral responses, and addictive aspects of psychoactive drugs. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 473 Blood and Airborne Pathogens: HIV/STDs/Hepatitis/TB (3 credits)**

Joint-listed with PSYC 573

Overview of HIV/AIDS, TB, and other STDs; preparing counselors to work with clients to prevent these diseases or counsel clients who have acquired these diseases; making counselors examine issues related to human sexuality and biases about sexually related topics. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 474 Record Keeping and Case Management in Chemical Addictions Counseling (3 credits)**

Joint-listed with PSYC 574

Exploration and examination of the sequence of events and services that clients encounter as they begin and move through the treatment process in a typical addictions treatment setting, as outlined in the Twelve Core Functions and Global Criteria of the International Certification Reciprocity Consortium (ICRC); study of the Twelve Core Functions and the Addiction Counseling Competencies relevant to each area. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 475 Professional Ethics in Addictions Counseling (3 credits)**

Joint-listed with PSYC 581

Overview of ethical issues and decision making related to addictions counseling; ethics related to harm reduction models and other issues. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 476 Relapse Prevention in Chemical Addictions Counseling (3 credits)**

Joint-listed with PSYC 576

Overview of addictions relapse, issues and triggers related to relapse, prevention of relapse, and issues related to addictions relapse in general. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 478 Individual and Group Therapy Techniques in Chemical Addictions Counseling (3 credits)**

Joint-listed with PSYC 578

Techniques related to individual and group counseling of chemical addictions clients; helping skills such as active listening, problem solving, paraphrasing; numerous role plays and other practicum exercises; information about group therapy with actual experience of being part of a group. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 482 Client Screening, Assessment, and Placement (3 credits)**

Joint-listed with PSYC 582

This course is designed to provide a comprehensive overview of substance abuse screening and assessment. This includes information related to interviewing techniques, substance abuse diagnosis, testing instruments, client placement, and issues or problems that influence the assessment environment. Additional projects/assignments required for graduate credit. Prereq for 482: PSYC 101 and PSYC 478. Prereq for 582: PSYC 578

**PSYC 490 Psychopharmacology (3 credits)**

This course provides a solid overview of neurobiology, neurophysiology, and pharmacologic treatment for individuals having psychological/psychiatric disorders. It will also examine evidence supporting the use of such interventions. Additional projects/assignments required for graduate credit. Recommended Preparation: PSYC 311 and PSYC 372.

**Prereqs:** PSYC 101

**PSYC 494 (s) Psychology Research Training (1-16 credits)**

Credit arranged. Supervised experience in conducting psychological research. Available topics vary depending on current faculty research interests. Recommended preparation: PSYC 218.

**Prereqs:** PSYC 101 and Permission

**PSYC 496 Applied Behavior Analysis (3 credits)**

Analysis and assessment of behavior in real-life settings, e. g. , home, business, industry, and institutions such as prisons and psychiatric hospitals; structured programs of intervention and assessment of behavior change; special emphasis on self-management of behavior.

**Prereqs:** PSYC 101, PSYC 218, and PSYC 390

**PSYC 497 (s) Practicum in Instruction (1-3 credits, max 6)**

Tutoring and/or instructional services performed by advanced students under faculty supervision.

**Prereqs:** PSYC 101 and Permission

**PSYC 498 (s) Internship (1-6 credits, max arranged)**

Directed internship in an approved setting that features psychological applications.

**Prereqs:** PSYC 101 and Permission

**PSYC 499 (s) Directed Study (1-16 credits)**

Credit arranged

**Prereqs:** PSYC 101

**PSYC 500 Master's Research & Thesis (1-16 credits)**

Credit arranged

**PSYC 501 (s) Seminar (1-16 credits)**

Credit arranged

**PSYC 502 (s) Directed Study (1-16 credits)**

Credit arranged

**PSYC 503 (s) Workshop (1-16 credits)**

Credit arranged

**PSYC 504 (s) Special Topics (1-16 credits)**

Credit arranged

**PSYC 509 Human Factors in Engineering Design (3 credits)**

Application of psychological principles to engineering and design; psychological models and principles from areas of perception, cognition, and information processing; the design process; display and control design; work station layout and system integration; environmental factors; safety; mental workload; human-computer interaction; and current research topics. Recommended preparation: PSYC 325 or PSYC 535; PSYC 444; and PSYC 446. Cooperative: open to WSU degree-seeking students.

**PSYC 512 Research Methods (3 credits)**

Philosophy of research, types of design, data analysis, research report.

**Prereqs:** PSYC 218 or equivalent, or Permission

**PSYC 513 Advanced Research Methods (3 credits)**

Types of research designs and data analyses; application of principles of design and analysis to real-world problems; and use of computer packages for data analysis.

**Prereqs:** Permission

**PSYC 516 Industrial/Organizational Psychology (3 credits)**

Joint-listed with PSYC 416

Application of psychological principles to the study of work behavior; includes topics such as personnel selection, performance appraisal, training, work motivation, teams, leadership, and job attitudes. Additional work required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 522 Disorders of Childhood and Adolescence (3 credits)**

Joint-listed with PSYC 422

Overview of psychological disorders that affect children and adolescents; emphasis on how childhood mental illness is defined, diagnosed, and treated within multiple theoretical perspectives. Examines how multiple, interacting events shape both adaptive and maladaptive developmental outcomes. Additional work required for graduate credit.

**Prereqs:** PSYC 101 and PSYC 305; or Permission

**PSYC 525 Cognitive Psychology (3 credits)**

Joint-listed with PSYC 325

Survey and analysis of major topics in field; emphasis on contemporary research and theory; related topics in perception, memory, and information processing and transformation. Additional projects/ assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 526 Cognitive Neuroscience (3 credits)**

Examine research in human and animal cognition and its neurological basis. Material covered will include the study of normal cognitive processes in humans with noninvasive behavioral and physiological techniques (e. g. , reaction times, fMRI, EEG), the study of brain-injured patients, behavioral and neurophysiological research in animals, and the comparative analyses of cognitive processes across organisms.

Computational approaches towards cognitive and neural processing will also be addressed. A selection of the following topics will be covered: perception, object recognition, attention, memory, spatial cognition, motor control, language, executive control, and development. Recommended Preparation: PSYC 325.

**PSYC 530 Human Sexuality (3 credits)**

Joint-listed with PSYC 330

Introduction to the fundamentals of human sexuality; emphasis on current trends and research. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 541 Human Relations in the Workplace (3 credits)**

Cross-listed with ORGS 541

Joint-listed with PSYC 441 and ORGS 441

Overview of the general theory and methods of organizational effectiveness; focus on how individual or group behavior is affected by the organizational environment; includes topics such as work motivation, leadership, teams, culture/climate, and job attitudes. Additional assignments/projects required for graduate credit. Cooperative: open to WSU degree-seeking students.

**Prereqs:** PSYC 101

**PSYC 545 Group Dynamics (3 credits)**

Joint-listed with PSYC 345

This course will cover the empirical research regarding group dynamics, including topics of leadership, cohesion, team building, understanding group level data, problem solving, group mood, group creativity, transactive memory, information processing, and other small group processes. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 550 Training and Performance Support (3 credits)**

Cross-listed with ORGS 550

Joint-listed with PSYC 450 and ORGS 450

Review of applicable theory and methods for developing organizational training programs and performance support systems; emphasis will be on conducting needs analyses, development of systems and training programs to serve needs, and evaluation of program outcomes. Additional project/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 552 Ergonomics and Biomechanics (3 credits)**

Principles of anthropometry, biomechanics, and work physiology applied to workplace. Cooperative: open to WSU degree-seeking students.

**PSYC 561 Human-Computer Interaction (3 credits)**

Overview of human-computer interaction (HCI) topics, including user models, dialog, display design, usability, software development, groupware, and multimedia. Recommended Preparation: PSYC 446. Cooperative: Open to WSU degree-seeking students.

**PSYC 562 Advanced Human Factors (3 credits)**

Review of topics and theories germane to human factors such as performance measurement systems, design specifications, research issues, controls and displays, human reliability, and illumination. Cooperative: open to WSU degree-seeking students.

**Prereqs:** PSYC 446, and STAT 431; or Permission

**PSYC 572 Introduction to the Pharmacology of Psychoactive Drugs (3 credits)**

Joint-listed with PSYC 472

Overview of neural mechanisms, behavioral responses, and addictive aspects of psychoactive drugs. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 573 Blood and Airborne Pathogens: HIV/STDs/Hepatitis/TB (3 credits)**

Joint-listed with PSYC 473

Overview of HIV/AIDS, TB, and other STDs; preparing counselors to work with clients to prevent these diseases or counsel clients who have acquired these diseases; making counselors examine issues related to human sexuality and biases about sexually related topics. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 574 Record Keeping and Case Management in Chemical Addictions Counseling (3 credits)**

Joint-listed with PSYC 474

. Exploration and examination of the sequence of events and services that clients encounter as they begin and move through the treatment process in a typical addictions treatment setting, as outlined in the Twelve Core Functions and Global Criteria of the International Certification Reciprocity Consortium (ICRC); study of the Twelve Core Functions and the Addiction Counseling Competencies relevant to each area. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 576 Relapse Prevention in Chemical Addictions Counseling (3 credits)**

Joint-listed with PSYC 476

Overview of addictions relapse, issues and triggers related to relapse, prevention of relapse, and issues related to addictions relapse in general. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 578 Individual and Group Therapy Techniques in Chemical Addictions Counseling (3 credits)**

Joint-listed with PSYC 478

Techniques related to individual and group counseling of chemical addictions clients; helping skills such as active listening, problem solving, paraphrasing; numerous role plays and other practicum exercises; information about group therapy with actual experience of being part of a group. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 581 Professional Ethics in Addictions Counseling (3 credits)**

Joint-listed with PSYC 475

Overview of ethical issues and decision making related to addictions counseling; ethics related to harm reduction models and other issues. Additional projects/assignments required for graduate credit.

**Prereqs:** PSYC 101

**PSYC 582 Client Screening, Assessment, and Placement (3 credits)**

Joint-listed with PSYC 482

This course is designed to provide a comprehensive overview of substance abuse screening and assessment. This includes information related to interviewing techniques, substance abuse diagnosis, testing instruments, client placement and issues or problems that influence the assessment environment. Additional projects/assignments required for graduate credit. Prereq for 482: PSYC 101 and PSYC 478 Prereq for 582: PSYC 578

**PSYC 596 Comprehensive Exam (1 credit)**

Capstone integration and comprehensive examination of material in psychology master's degree program.

**PSYC 597 (s) Practicum (1-16 credits)**

Credit arranged

**Prereqs:** Permission

**PSYC 598 (s) Internship (1-16 credits)**

Credit arranged

**PSYC 599 (s) Non-thesis Master's Research (1-16 credits)**

Credit arranged. Research not directly related to a thesis or dissertation.

**Prereqs:** Permission

**PSYC 600 Doctoral Research and Dissertation (1-45 credits)**

Credit arranged