

PSYCHOLOGY (PSYC)

PSYC 000 - 40 Hour Community Service (0 Credits)
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PSYC 100 - General Psychology (3 Credits)
Fundamental principles of human behavior; history of psychology; research methods; the nervous system; learning; memory; personality; psychological disorders; therapy; social behavior; careers in psychology.

PSYC 120 - Lifespan Developmental Psychology (3 Credits)
Psychological development from conception through end of life. Consideration of developmental processes, theories, issues, and relevant research. This course cannot be used to fulfill any requirements in the Psychology major.

PSYC 201 - Social Psychology (3 Credits)
Prerequisite: PSYC 100. Individual behavior in a social context; attitudes; social influence; attribution; prejudice and discrimination; prosocial behavior and aggression.

PSYC 211 - Psychopathology (3 Credits)
Prerequisite: PSYC 100. Various models of psychopathology, history of abnormal psychology, psychological disorders: their causes, and therapies.

PSYC 231 - Infant and Child Development (3 Credits)
Prerequisite: PSYC 100. Psychological development from conception through childhood. Consideration of developmental processes, theories, issues, and relevant research.

PSYC 232 - Adolescent and Emerging Adult Development (3 Credits)
Prerequisite: PSYC 100. Theories of, and research on, personality, social, physical, and intellectual characteristics from adolescence to young adulthood.

PSYC 233 - Adult Development (3 Credits)
Prerequisite: PSYC 100. Theories and research in aging, changes in personality, intellectual abilities, cognitive capacities, and physical capabilities from adulthood to death.

PSYC 242 - Psychology of Personality (3 Credits)
Prerequisite: PSYC 100. Personality structure, dynamics, development, and methods of research.

PSYC 253 - Fundamentals of Learning and Motivation (3 Credits)
Prerequisite: PSYC 100. Survey of empirical findings and theoretical issues in the analysis of learning and motivation and their interaction in the determination of behavior.

PSYC 261 - Introductory Statistics for Psychology with Lab (4 Credits)
Prerequisite: PSYC 100. Introduction to descriptive and inferential statistical methods, including basic ANOVA and simple regression. Experience includes problem solving, technical writing, and use of computer statistical package (SPSS).

PSYC 273 - Cognitive Psychology (3 Credits)
Prerequisite: PSYC 100. The study of human information processing, including pattern recognition, attention, memory, language, problem solving, and decision making.

PSYC 274 - Biological Psychology (3 Credits)
Prerequisite: PSYC 100. Exploration of biological bases of behavior and neurological correlates of psychological events.

PSYC 305 - Cognitive Neuroscience (3 Credits)
Prerequisite: PSYC 100. Introduction to neural models of cognitive processes emphasizing the relations between neural organization and observations of cognitive functioning.

PSYC 315 - Foundations of Clinical Psychology (3 Credits)
Prerequisites: PSYC 100 and PSYC 211. Professional issues in clinical psychology, theories and practices of the major schools of psychotherapy, effectiveness of psychotherapy, community psychology, and primary prevention.

PSYC 320 - Psychology of Exceptional Children and Youth (3 Credits)
Prerequisite: PSYC 100 and either PSYC 231 or PSYC 232. Cognitive, emotional, behavioral, and physical exceptionalities from infancy through adolescence. Consideration of theories and relevant empirical research.

PSYC 339 - Health Psychology (3 Credits)
Prerequisite: PSYC 100. Exploration of psychological issues surrounding health, illness, and medical care. Social psychological perspectives are applied to such topics as stress-related diseases, exercise adherence, and doctor-patient interactions.

PSYC 346 - Forensic Psychology (3 Credits)
Prerequisite: PSYC 100 and PSYC 201 or PSYC 211 or PSYC 242. Examination of criminal behavior from a psychological perspective, including causes of criminal behavior, the criminal personality, the relationship between psychology and law, how psychology is applied to legal situations, rehabilitation, and the prediction of dangerousness.

PSYC 348 - Anthropology and Psychology (3 Credits)
Examines the intersection of anthropology and psychology by considering the ways culture and society create varying conceptions and experiences of self and personhood, emotion, thought, perception, mental states, and mental health diagnosis and treatment. Cross-listed as ANTH 346.

PSYC 349 - Psychology of Human Sexuality (3 Credits)
Prerequisite: PSYC 100. Introduction to major areas of investigation concerning human sexuality, including anatomy, physiology, culture, behavior, sexual health, sexual violence, dysfunctions, and therapy.

PSYC 350 - Psychology of Women and Gender (3 Credits)
Prerequisite: PSYC 100. Impact of sex and gender on the female experience—individual, interpersonal, and institutional. Includes work, physical and mental health, physical and cognitive ability, social status and empowerment, ethnicity, and sexuality.

PSYC 351 - Positive Psychology (3 Credits)
Prerequisite: PSYC 100. Introduction to the field of positive psychology theory and research. Topics will include positive emotions, character strengths, and research-based techniques to enhance well-being that allow individuals and communities to thrive.

PSYC 352 - Cultural Psychology (3 Credits)
Prerequisite: PSYC 100 and one of the following: PSYC 201, PSYC 211 or PSYC 242. An exploration of the role that culture plays in the experiences of both individuals and social groups grounded in psychological theory and research. Identity in the context of societal power, privilege, and marginalization will be explored as will applications to a variety of contexts beyond the classroom.

PSYC 354 - Sport Psychology (3 Credits)
Prerequisite: PSYC 100. This course investigates the application of psychological principles to sport and sport performance.

PSYC 360A - Advanced Statistics for Psychology (3 Credits)
Prerequisite: PSYC 261A with a minimum grade of C-. Introduction to advanced statistical methods, including ANOVA models, a priori and post hoc tests, and multiple regression. Particular emphasis on quasi-experimental and correlational methods, as well as data entry, analysis using SPSS, and presentation.

PSYC 362 - Research Methods for Psychology (3 Credits)

Prerequisite: PSYC 261 with a minimum grade of C-. An introduction to diverse methods commonly used in psychological research including experimental, quasi-experimental, observational, and correlational methods. The class will emphasize the ethics of research, and students will explore both research design and research ethics through exploration and evaluation of research published in peer-reviewed journals.

PSYC 372 - Sensation and Perception (3 Credits)

Prerequisite: PSYC 100. Study of processing of environmental energy by the sensory systems (visual, auditory, somatosensory, olfactory, and gustatory), as well as the higher-order processing of activity in those systems, from psychophysical, physiological, and behavioral perspectives.

PSYC 385 - Organizational Psychology (3 Credits)

Prerequisite: MGMT 301. Behavioral aspects of organizations, presenting concepts, theories, research, and research techniques applicable to people in organizations. Topics include personnel selection and placement, job and work environments, worker motivation, job satisfaction, and the organizational and social context of human work. Cross-listed with MGMT 345.

PSYC 386 - Human Resources Management (3 Credits)

Prerequisite: MGMT 301. Philosophy, principles, policies, and programs for effective personnel management and industrial relations in business, governmental, and not-for-profit organizations. Cross-listed with MGMT 346.

PSYC 387 - Organizational Development and Change (3 Credits)

Prerequisite: MGMT 301. System-wide application of behavioral science methods, theories, and accumulated knowledge to the developmental change, and reinforcement of organizational strategies, structures and processes for improving organizational effectiveness. Cross-listed with MGMT 347

PSYC 394 - Psychopharmacology (3 Credits)

Prerequisite: PSYC 100 and one of the following courses: PSYC 274, PSYC 305, PSYC 372 or BIOL 340. Principles of drug action on the body, drug effects on behavior, and the psychology of drug use and addiction.

PSYC 402 - Principle of Behavior Analysis (3 Credits)

Prerequisites: Twelve hours in Psychology and either PSYC 253 or PSYC 320, and acceptance into the UMW-NECC program. This course will orient students to the concepts, processes, and scientific principles of behavior on which the field of applied behavior analysis was founded. Topics of study will include the history and defining features of applied behavior analysis as well as the role of basic principles in producing socially meaningful behavior change (positive and negative reinforcement, punishment, discriminative control of behavior, and motivating operations). Course available only to UMW students enrolled in the UMW-NECC cooperative program at the New England Center for Children.

PSYC 403 - Behavioral Interventions (3 Credits)

Prerequisites: Twelve hours in Psychology and either PSYC 253 or PSYC 320, and acceptance into the UMW-NECC program. This course will prepare students to identify, implement, and maintain effective behavioral interventions in applied settings. Specific objectives will include teaching students to select and implement function-based interventions for the reduction of problem behaviors, skills-based prevention strategies, and a variety of behavioral teaching tactics. Tactics for promoting procedural integrity and facilitating the generalization and maintenance of treatment effects will also be reviewed. Course available only to UMW students enrolled in the UMW-NECC cooperative program at the New England Center for Children.

PSYC 404 - Methods of Evaluation (3 Credits)

Prerequisites: Twelve hours in Psychology and either PSYC 253 or PSYC 320, and acceptance into the UMW-NECC program. This course will equip students with skills needed to confirm the clinical efficacy of interventions by subjecting them to experimental evaluation using single subject designs. Students will learn to develop valid and reliable systems for measuring behavior, to display data using popular and accessible graphing software, and to assess for orderly changes in behavior through visual inspection and interpretation of graphic data. Course available only to UMW students enrolled in the UMW-NECC cooperative program at the New England Center for Children.

PSYC 405 - Evidence-based Teaching (3 Credits)

Prerequisites: Twelve hours in Psychology and either PSYC 253 or PSYC 320, and acceptance into the UMW-NECC program. This course will provide students with a comprehensive review of empirically-supported behavioral teaching procedures for individuals with autism and related disabilities. Topics will focus on teaching skills in a variety of content areas such as language, social, and self-help. Procedures for teaching these include, match-to-sample discrimination training, task analysis, as well as prompting procedures including prompt fading and video modeling. Course available only to UMW students enrolled in the UMW-NECC cooperative program at the New England Center for Children.

PSYC 411 - Research Seminar in Psychopathology, Personality, or Social Psychology with Lab (4 Credits)

Prerequisite: PSYC 362, and one from the following: PSYC 201, PSYC 211, or PSYC 242. Exploration of current theory and research in psychopathology, personality, or social psychology with a focus on designing, conducting, and reporting research in these areas.

PSYC 412 - Research Seminar in Biological Psychology with Lab (4 Credits)

Prerequisite: PSYC 362, and one from the following: PSYC 274, PSYC 305, PSYC 372, or PSYC 394. Exploration of current theory and research in the biological influences on and correlates of behavior, with a focus on designing, conducting, and reporting research in this area.

PSYC 413 - Research Seminar in Cognition or Learning with Lab (4 Credits)

Prerequisite: PSYC 362, and one from the following: PSYC 253, PSYC 273, PSYC 305, or PSYC 372. Exploration of current theory and research in cognition and human learning with a focus on designing, conducting and reporting research in this area.

PSYC 414 - Research Seminar in Developmental Psychology with Lab (4 Credits)

Prerequisite: PSYC 362, and one of the following: PSYC 231, PSYC 232, or PSYC 233. Exploration of current theory and research in human development, with a focus on designing, conducting, and reporting research in these areas.

PSYC 420 - Career Explorations in Psychology (1 Credits)

Prerequisite: PSYC 362, 12 credits in PSYC, Declared Psychology Major. This course provides students with an opportunity to reflect on transferable skills, explore possible career paths, and craft documents relevant to job and graduate school applications.

PSYC 470 - Seminar in Psychology (3 Credits)

Prerequisite: PSYC 100 and courses specified by instructor. Seminar on enduring and/or contemporary issues in psychology. Different topics in different semesters. May be repeated with different topics.

PSYC 480 - Selected Topics in Psychology (3 Credits)

Prerequisites: PSYC 100 and courses specified by instructor. Enduring and/or contemporary issues in psychology. Different topics in different semesters. May be repeated with different topics.

PSYC 490 - Guided Readings in Psychology (1-3 Credits)

Readings in a specialty area of psychology. Maximum of three credits toward the major; maximum of six credits in PSYC 490, PSYC 491A and PSYC 492 combined may count toward the major.

PSYC 491A - Individual Research (3 Credits)

Prerequisite: PSYC 362 and permission of instructor. Empirical investigation and/or theoretical research. Maximum of six credits in PSYC 490, PSYC 491A and PSYC 492 combined may count toward the major program.

PSYC 492 - Individual Research (3 Credits)

Prerequisite: PSYC 491A and permission of instructor. Empirical investigation and/or theoretical research with emphasis on research writing and oral presentation of results. Maximum of six credits in PSYC 490, PSYC 491A and PSYC 492 combined may count toward the major.

PSYC 499 - Internship (1-6 Credits)

Prerequisite: Junior standing and 12 hours in psychology beyond PSYC 100. Supervised off-campus experience. Maximum of three credits toward the major program.