

# PSYCHOLOGY (PSYX)

---

## **PSYX 100S - Intro to Psychology. 3 Credits.**

Offered every term. Offered on Mountain Campus and at Missoula College. Introduction to the scientific study of behavior in humans and other animals. Credit not allowed for both PSY 100S and PSYC 100S.

Gen Ed Attributes: Social Sciences Course (S)

## **PSYX 105 - Careers in Psychology. 1 Credit.**

Offered intermittently. Exploration of the various careers available in the general area of mental health research and practice.

## **PSYX 120 - Research Methods I. 3 Credits.**

Offered every term. Prereq., PSYX 100S. Experimental and other quantitative methods employed in the scientific study of behavior.

## **PSYX 161S - Fund of Organizational Psych. 3 Credits.**

Offered intermittently. Offered at Missoula College. Foundation in the psychological processes that influence behavior of people in organizational settings.

Gen Ed Attributes: Social Sciences Course (S)

## **PSYX 191 - Special Topics. 1-6 Credits.**

(R-6) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one time offerings of current topics.

## **PSYX 192 - Independent Study. 1-6 Credits.**

(R-6) Offered intermittently. Course material appropriate to the needs and objectives of the individual student.

## **PSYX 222 - Psychological Statistics. 3.000 Credits.**

Offered every term. Prereq., PSYX 120; M 115, M 162 or 171. Application of statistical techniques to psychological data. Credit not allowed for both PSYX 222 and SOCI 202.

## **PSYX 230 - Developmental Psychology. 3 Credits.**

Offered every term. Offered at Missoula College and on Mountain Campus. Prereq., PSYX 100S. The study of human physical, cognitive and psychosocial development throughout the life span. Content covers major theories, the influence of genetics, and the environment from a chronological aspect. Appropriate for Social Work, Nursing, Addiction Studies, Education, and Psychology.

## **PSYX 233 - Fund of Psychology of Aging. 3 Credits.**

Offered every term. An overview of theories and research findings in the psychology of adulthood and aging.

## **PSYX 238 - Adolescent Psychology. 3 Credits.**

Offered spring online. Offered at Missoula College. Prereq., PSYX 100S or PSYX 230S. This course is designed to provide an introduction to the physical, social, emotional, and cognitive developmental changes that occur during adolescence, as well as their relationships and cultural influences. Appropriate for students in Addiction Studies, Psychology, Social Work, Education, and other disciplines where a study of the adolescent is desired.

## **PSYX 240 - Fund of Abnormal Psychology. 3 Credits.**

Offered face-to-face in autumn and online in spring. Offered at Missoula College. Prereq., PSYX 100. This course provides a broad introduction to abnormal psychology, which includes defining abnormality, examining the history of abnormal psychology, identifying how abnormal psychology relates to other disciplines in psychology, exploring major research methods used in abnormal psychology, discussing various mental illnesses and their potential causes and possible treatments, and applying major abnormal psychological findings to practical problems.

## **PSYX 250N - Fund of Biological Psychology. 3 Credits.**

Offered every term. Prereq., PSYX 100S. Introduction to the study of how psychological processes are supported by biological processes. Mechanisms across levels of analysis, from cells to individuals, are addressed.

Gen Ed Attributes: Natural Science Course (N)

## **PSYX 270 - Fund Psychology of Learning. 3 Credits.**

Offered autumn. Prereq., PSYX 100S. Basic theory and research on the nature of animal learning and behavior.

## **PSYX 280 - Fund of Memory and Cognition. 3 Credits.**

Offered intermittently. Prereq., PSYX 100S. The acquisition and uses of knowledge. An examination of research and theories of human learning, memory, and thinking.

## **PSYX 290 - Supervised Research. 1-6 Credits.**

(R-6) Offered every term. Prereq., consent of instr.

## **PSYX 291 - Special Topics. 1-6 Credits.**

(R-6) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

## **PSYX 292 - Independent Study. 1-6 Credits.**

(R-6) Offered every term. Prereq., consent of instr.

## **PSYX 294 - Seminar/Workshop. 1 Credit.**

(R-3) Offered intermittently. Prereq., consent of instr.; coreq., another psychology course. Taken in conjunction with another psychology course to provide additional content and discussion for honors students. Consent of the corequisite course instructor is required for this course.

## **PSYX 298 - Internship. 1-6 Credits.**

(R-6) Offered every term. Prereq., consent of instructor. Extended classroom experience which provides practical application of classroom learning during placements off-campus. Prior approval must be obtained from the faculty supervisor and the Internship Services office. A maximum of 6 credits of Internship (198, 298, 398, 498) may count toward graduation.

## **PSYX 320 - Research Methods III. 3 Credits.**

Offered every term. Prereq., PSYX 222. An appreciation of the experimental approach to the scientific study of behavior through student-conducted experiments.

Gen Ed Attributes: Writing Course-Advanced

## **PSYX 340 - Abnormal Psychology. 3 Credits.**

Offered every term. Prereq., PSYX 100S. Description and classification of abnormal behavior.

## **PSYX 345 - Child & Adolescent Psych Dis. 3 Credits.**

Offered intermittently. Prereq., PSYX 100S and 230. Study of causes, characteristics, assessment and treatment of emotional, social and intellectual disorders. The age span studied will range from infancy through adolescence.

## **PSYX 348 - Psychology of Family Violence. 3 Credits.**

Offered spring. Prereq., PSYX 100S. Same as WGS 385. Exploration of theoretical explanations for the presence of violence in American families; research and interventions in such areas as child physical and sexual abuse, battering of women, marital rape, spousal homicide, etc.

## **PSYX 352 - Comparative Psychology. 3 Credits.**

Offered autumn. Prereq., PSYX 250N. Advanced evaluation and analysis of animal behavior through the synthesis of theory, research, and methods found in comparative psychology, behavioral biology, ethology, and sociobiology.

**PSYX 356 - Human Neuropsychology. 3 Credits.**

Offered spring. Prereq., PSYX 250N. Study of the organization of the nervous system, functional neuroanatomy, neuropathology, neurological disorders, behavioral neurology, and clinical neuropsychology.

**PSYX 360 - Social Psychology. 3 Credits.**

Offered every term. Individual behavior as a function of interpersonal interaction.

**PSYX 362 - Multicultural Psychology. 3 Credits.**

Offered autumn even-numbered years. Current theories and research on culture, race, and ethnicity, and how the sociocultural context influences psychological processes.

**PSYX 376 - Prin Cognit Behav Mod. 3 Credits.**

Offered intermittently. Prereq., PSYX 270S. Study of basic principles, assumptions, methodology and applications of behavior modification. Discussion of current literature relevant to behavioral assessment and treatment of major psychological disorders.

**PSYX 377 - Personalized Student Instr. 3 Credits.**

Offered every term. Prereq., consent of instr. Experience with the personalized student instruction method of teaching, gained through participating as a proctor in the introductory psychology course.

**PSYX 378 - Intro to Clinical Psyc. 3 Credits.**

Offered intermittently. Prereq., PSYX 340. Clinical psychology as a science and a profession. Theoretical models and techniques of assessment and intervention. Case illustrations.

**PSYX 382 - Forensic Psychology. 3 Credits.**

Offered spring. Prereq., PSYX 100S. This course examines the many areas of forensic psychology, or the application of psychological concepts and theories to the legal system. This interface will be explored with an emphasis on empirical research findings from cognitive, social, experimental, and clinical psychology. Topics covered will include the variety of roles that psychologists play in the criminal justice system; the identification and evaluation of criminal suspects; the accuracy of eyewitness memory; the process of jury selection and decision-making; mental illness, competency to stand trial, and the insanity defense; criminal sentencing; and offender rehabilitation.

**PSYX 383 - Health Psychology. 3 Credits.**

Prereq., PSYX 100S and PSYX 250N. This course will provide an overview of the growing field of health psychology, with particular attention to the biological, psychological, and social determinants of health. The course will also provide overviews of major illnesses for which psychologists can and do play a major role and will examine the tools and techniques that clinical health psychologists employ in medical settings.

**PSYX 385 - Psychology of Personality. 3 Credits.**

Offered intermittently Prereq., PSYX 100S. Introduction to theories and research in personality. Intensive survey of theoretical concepts and a detailed examination of experimental methods and experiments in the field of personality.

**PSYX 390 - Adv Supervised Research. 1-3 Credits.**

(R-3) Offered every term. Prereq., 12 credits in psychology including PSYX 290 and consent of instr.

**PSYX 391 - Special Topics. 1-6 Credits.**

(R-6) Offered intermittently. Prereq., nine credits in psychology and consent of instr. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

**PSYX 392 - Independent Study. 1-3 Credits.**

(R-3) Offered every term. Prereq., consent of instr.

**PSYX 398 - Internship. 1-3 Credits.**

(R-3) Offered every term. Prereq., consent of instructor. Extended classroom experience which provides practical application of classroom learning during placements off campus. Prior approval must be obtained from the faculty supervisor and the Internship Services office. A maximum of 6 credits of Internship (198, 298, 398, 498) may count toward graduation.

**PSYX 400 - History & System in Psychology. 3 Credits.**

Offered every term. Prereq., 15 credits in psychology. Origin and development of basic concepts and methods in scientific psychology. Gen Ed Attributes: Writing Course-Advanced

**PSYX 406 - Rural Integrated Behavioral Health Care for Montana. 3 Credits.**

Prereq., PSYX 383. This course presents an introduction to models and methods for providing behavioral and mental health services for rural communities in the context of medical Primary Care. It introduces the Patient Centered Medical Home model of primary medical care, provides practical introduction to behavioral health assessment and intervention techniques, and addresses how to make Integrated Behavioral Health training serve rural Montana service needs and workforce development.

**PSYX 442 - Counseling Theories in Context. 3 Credits.**

Offered autumn. Prereq., PSYX 100S. Same as COUN 485 and SW 485. This course introduces students to the primary theories that constitute the intellectual foundation for common counseling and psychotherapy techniques, with a special focus on gender, interpersonal influence strategies and diversity issues.

**PSYX 491 - Special Topics. 1-6 Credits.**

(R-6) Offered intermittently. Prereq., 12 credits in psychology and consent of instr. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

**PSYX 494 - Seminar/Workshop. 1-6 Credits.**

(R-6) Offered intermittently. Prereq., nine credits in psychology and consent of instr. Topics of current interest with critical examination of the literature.

**PSYX 499 - Senior Thesis. 1-6 Credits.**

(R-6) Offered autumn and spring. Prereq., junior or senior standing and consent of instr. Preparation of a thesis or manuscript based on research for presentation and/or publication.

**PSYX 501 - Teaching of Psychology. 3 Credits.**

Offered autumn. Prereq., graduate standing in psychology and consent of instr. Exploration and practice of effective teaching techniques. Level: Graduate

**PSYX 511 - Professional Issues. 1 Credit.**

Offered autumn. Prereq., graduate standing in clinical psychology. Introduction to the professional role and skills in the clinical psychology field. Level: Graduate

**PSYX 512 - Field Placement-Clinical. 1-12 Credits.**

(R-12) Offered every term. Prereq., graduate standing in psychology and consent of instr. Supervised assessment and intervention experience in applied clinical settings. Level: Graduate

**PSYX 520 - Adv Psyc Stat I. 3 Credits.**

Offered autumn. Prereq., undergraduate statistics and consent of instr. Introduction to descriptive and inferential statistics, probability distributions, null hypothesis significance testing, one and two sample techniques, analysis of variance and the general linear model. Level: Graduate

**PSYX 521 - Adv Psyc Stat II. 4 Credits.**

Offered spring. Prereq., PSYX 520 or consent of instr. Multiple comparisons among means, factorial ANOVA, random effects and mixed models, correlation, simple and multiple regression, analysis of covariance. Level: Graduate

**PSYX 522 - Multivariate Statistics. 3 Credits.**

Offered autumn. Prereq., PSYX 520 and 521. Introduction to matrix algebra, multivariate analysis of variance, multivariate analysis of covariance, simple slopes in multiple regression, discriminant analysis, canonical correlation, principal components analysis, factor analysis, cluster analysis. Level: Graduate

**PSYX 523 - Research Design. 3 Credits.**

Offered spring. Prereq., graduate standing in psychology. The examination and application of the principles and methods of experimental and quasi-experimental research design in psychology. Level: Graduate

**PSYX 524 - Tests & Measurement. 3 Credits.**

Offered autumn. Prereq., graduate standing in psychology or education. Introduction to measurement emphasizing correspondence between research and practice. Provides a theoretical and practical basis for evaluating and using measurement data. Level: Graduate

**PSYX 525 - Psyc Evaluation I. 3 Credits.**

Offered autumn. Prereq., undergraduate statistics and consent of instr. Introduction to the study of how psychological processes are supported by biological processes. Mechanisms across levels of analysis, from cells to individuals, are addressed. Individual tests of aptitudes and intellectual abilities; psychometric considerations in clinical assessment; objective personality assessment. Level: Graduate

**PSYX 526 - Psyc Eval II:App and Obj. 3 Credits.**

Offered spring. Prereq., enrollment in doctoral program in psychology and consent of instr. Objective methods in psychological assessment; psychological evaluation techniques in the clinical context. Level: Graduate

**PSYX 530 - Clin and Diag Interviewing. 3 Credits.**

Offered autumn. Prereq., graduate standing in clinical psychology, school psychology, or counseling. Microcounseling skills development through interactive practice and feedback. Level: Graduate

**PSYX 531 - Prin of Psychotherapy. 3 Credits.**

Offered autumn. Prereq., enrollment in doctoral program in clinical psychology. The philosophical and scientific bases of major systems of psychotherapy are reviewed. Psychotherapy research methods, issues, and findings are introduced. Level: Graduate

**PSYX 532 - Adv Psychopathology. 3 Credits.**

Offered autumn. Prereq., graduate standing in psychology or consent of instr. Symptoms, etiology, diagnostic criteria and treatment of the major psychological disorders, with an emphasis on current research findings. Level: Graduate

**PSYX 534 - Applied Clinical Methods. 1-4 Credits.**

(R-24) Offered every term. Prereq., graduate standing in the clinical program and consent of instr. Theoretical and applied work in a supervised clinical setting. Level: Graduate

**PSYX 535 - Child Interventions. 3 Credits.**

(R-12) Offered spring. Prereq., graduate standing in the clinical or school psychology program and consent of instructor. Review of clinical research and methodology in youth mental health. Specific treatment interventions are explored for the practitioner and also may serve as a valuable base for engaging in psychological consultation with youth and families. Level: Graduate

**PSYX 536 - AdvcdChld/Adol Psychopathology. 3 Credits.**

Offered spring. Prereq., graduate standing in psychology or consent of instr. Advanced study of the characteristics, etiology, assessment, and treatment of the emotional, social, and intellectual problems covering the span from infancy through adolescence. DSM and Education Code criteria will be compared. Level: Graduate

**PSYX 537 - Child Assessment. 3 Credits.**

Offered every other year spring semester. Provides an intensive introduction to diagnostic, behavioral, and personality assessment of children and adolescents. Level: Graduate

**PSYX 540 - Adv Development Psyc. 3 Credits.**

Offered intermittently. Prereq., undergraduate course in developmental psychology or consent of instr. Psychological and behavioral development through the life span. Level: Graduate

**PSYX 545 - Field Placement Humn Devel. 1-6 Credits.**

(R-9) Offered autumn and spring. Prereq., PSYX 540 or equiv. Individualized, applied experience working with and/or observing a particular population of interest, including children, adolescents, or older adults. Involves the completion of an independent project, which may comprise program assessment, research proposal development, etc. Level: Graduate

**PSYX 550 - Ad Social Psychology. 3 Credits.**

Offered every other year. Prereq., consent of instr. Theory and experiment in the analysis of individual behavior in relation to social stimuli. Level: Graduate

**PSYX 551 - Advanced Personality. 3 Credits.**

Offered autumn odd-numbered years. Prereq., graduate standing in psychology or consent of instr. Theory and research on human personality and behavior. Emphasis on issues and topics of historical and contemporary importance. Level: Graduate

**PSYX 560 - Advanced Learning & Cognition. 3 Credits.**

Offered spring odd-numbered years. Prereq., undergraduate course in perception, cognition, or learning, or consent of instr. A survey of principles, theories, and methods pertaining to how humans and animals learn and represent the world. Level: Graduate

**PSYX 565 - Advanced Cognition. 3 Credits.**

Offered autumn odd-numbered years. Prereq., undergraduate course in perception, cognition, or learning, or consent of instr. Examination of the acquisition of knowledge through perception and learning, the retention of knowledge, and the use of knowledge through thinking and reasoning. Level: Graduate

**PSYX 571 - Adv Physiological Psyc. 3 Credits.**

Offered autumn even-numbered years. Prereq., consent of instr. Brain mechanisms and behavior; electrophysiological correlates of behavior. Level: Graduate

**PSYX 580 - Professional School Psych. 3 Credits.**

Offered autumn. Prereq., graduate standing in school psychology. The theory, role, and function of school psychology as a profession; includes historical precursors and fit with current systems of psychology. Level: Graduate

**PSYX 582 - Behav Assmnt & Intervention. 3 Credits.**

Offered autumn. Prereq., graduate standing in psychology or consent of instr. Covers Schoolwide Positive Behavior Supports in a three-tiered model. Introduces theoretical and practical applications of behavioral assessment and intervention. Students develop skills using behavioral observation, sampling and intervention design/implementation through supervised experience in applied settings. Level: Graduate

**PSYX 583 - Ed Assmnt & Intervention. 4 Credits.**

Offered spring. Prereq., graduate standing in psychology or education. Develops educational assessment and intervention skills using problem-solving strategies to make educational decisions. Students develop assessment and intervention design/implementation through supervised experience in applied settings. Level: Graduate

**PSYX 587 - School Psyc Methods. 3 Credits.**

(R-9) Offered every term. Prereq., graduate standing in school psychology and consent of instr. Applied school psychology work in a supervised setting. Level: Graduate

**PSYX 588 - School Psyc Internship. 1-12 Credits.**

(R-12) Offered autumn and spring. Prereq., enrollment in school psychology program or consent of instr. Supervised work experience in the role and functions of school psychologists. Level: Graduate

**PSYX 594 - Seminar. 1-12 Credits.**

(R-12) Offered intermittently. A review and discussion of current research. Topics vary. Level: Graduate

**PSYX 595 - Special Topics. 1-9 Credits.**

(R-9) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics. Level: Graduate

**PSYX 596 - Independent Study. 1-9 Credits.**

(R-9) Offered autumn and spring. Prereq., consent of instr. Assigned readings and other special study projects. Level: Graduate

**PSYX 597 - Research. 1-9 Credits.**

(R-9) Offered autumn and spring. Prereq., consent of instr. Independent supervised research projects, other than thesis or dissertation. Level: Graduate

**PSYX 599 - Thesis/Research Project. 1-9 Credits.**

(R-9) Offered autumn and spring. Prereq., consent of instr. M.A. thesis or M.A. Research project. Level: Graduate

**PSYX 604 - Psychological Intervention in Rural Integrated Behavioral Health. 3 Credits.**

Offered spring. Prereq., graduate students in Clinical and School Psychology, Social Work, Counselor Education, and to local partners. This course presents an overview of and experience with the future of mental and behavioral health care delivery. It describes and discusses Integrated Behavioral Health (IBH) in Primary Care; introduces the Patient Centered Medical Home model of primary care; provides practical introduction to a variety of behavioral health approaches & techniques; and, it addresses explicitly how to make IBH training relevant to rural Montana and Montana workforce needs -- all through a mix of classroom and ?lab? experiences.

**PSYX 625 - Clinical Assessment. 3 Credits.**

Offered annually. Prereq., advanced graduate standing in clinical psychology program and consent of instructor. Students will conduct a variety of clinical assessments, including personality and neuropsychological testing. Students will gain experience with all phases of clinical assessment (e.g., interviewing, test administration, report writing, etc.) Level: Graduate

**PSYX 630 - Ethics, Prof & Cult Iss. 3 Credits.**

Offered spring. Occasionally shifted to autumn. Prereq., enrollment in doctoral program in clinical, experimental, or school psychology. Review of ethical principles and professional standards of psychologists. Analysis of the influence of cultural factors upon professional conduct. Level: Graduate

**PSYX 631 - Intervention. 3 Credits.**

(R-12) Offered every term. Prereq., graduate standing in the clinical psychology program and consent of instr. Review of clinical research and methodology. Specific treatment interventions are explored for the practitioner and also may serve as a valuable base for engaging in psychological consultation. Each offering will have a unique title. Level: Graduate

**PSYX 632 - Curr Clinical Topics. 3 Credits.**

(R-12) Offered intermittently. Prereq., graduate standing in psychology and consent of instr. Current topics in clinical psychology with reviews of theory, research, and methodology. Each offering will have a unique title. Level: Graduate

**PSYX 634 - Adv App Clinical Methods. 1-4 Credits.**

(R-6) Offered every term. Prereq., PSYX 534 and consent of instr. Advanced clinical work in a supervised setting. Level: Graduate

**PSYX 638 - Clin Psyc Internship. 1-3 Credits.**

(R-6) Offered every term. Prereq., proficiency in clinical techniques. Clinical internship offered by the psychology staff of a hospital, clinic or other approved agency in coordination with The University of Montana Clinical Psychology Program. Level: Graduate

**PSYX 680 - Consultation and Supervision. 3-4 Credits.**

Offered spring even-numbered years. Prereq., graduate standing in school psychology. Theoretical background and case conceptualization in academic and behavioral consultation and supervision and how this can be applied in school-based settings. Level: Graduate

**PSYX 694 - Seminar. 1-12 Credits.**

(R-12) Offered intermittently. A review and discussion of current research. Topics vary. Level: Graduate

**PSYX 697 - Advanced Research. 1-9 Credits.**

(R-9) Offered autumn and spring. Prereq., consent of instr. Independent research projects, other than thesis or dissertation. Level: Graduate

**PSYX 699 - Dissertation. 1-18 Credits.**

(R-18) Offered every term. Prereq., consent of instr. Doctoral dissertation research activities. Level: Graduate