

PSYCHOLOGY

Psychology

College of Social & Behavioral Sciences

Department of Psychology

23 Armstrong Hall • 507-389-2724

Website: www.mnsu.edu/psych/

Chair: Andrea Lassiter

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Psychology is the scientific study of the effects of individual, social, physiological, developmental and environmental factors on thoughts, feelings and behavior. Psychology courses seek to teach students about the methods of psychological inquiry and the findings of psychological research.

Students study psychology because they wish to prepare for a professional career as a psychologist, because they are planning a career in which the understanding of human behavior is important, or simply because they wish to develop a greater understanding of themselves and others. The practice of psychology at the professional level requires a graduate degree beyond the bachelor's degree.

POLICIES/INFORMATION

Admission to Major is granted by the department. Department admissions requirements are:

- a minimum of 32 earned semester credit hours.
- a minimum cumulative GPA of 2.7
- completion of PSYC 201 (Statistics) with a grade of "C-" or better.

Contact the department for application procedures.

Residency Requirement. All majors must complete 28 of the required 40 credits within the Department of Psychology at Minnesota State University, Mankato. The department will not accept transfer courses at the 200-level for our major restricted electives, except in a case by case basis.

GPA Policy. Any Psychology course in which a grade of less than "C-" (or P) is earned will not be counted toward a major or minor in psychology.

P/N Grading Policy. No more than 8 credits of the major or 4 credits of the minor may be taken for P/N credit. PSYC 291 is only available on a P/N basis. PSYC 497 and PSYC 499 are also normally taken for P/N credit.

Teaching Psychology. Students who intend to gain initial licensure to teach psychology in Minnesota schools need to meet the requirements of the social studies BS (teaching) program as described in the Social Studies section of this catalog.

PSYCHOLOGY BA

Degree completion = 120 credits

Pre-requisites to the Major

PSYC 101 Introduction to Psychological Science (4)

Major Common Core

PSYC 201 Statistics for Psychology (4)
PSYC 211W Research Methods and Design (4)
PSYC 409 History and Systems (4)

Major Restricted Electives

(choose one course from each of the four areas)

Biological (choose 4 credits)

PSYC 321 Brain and Behavior (4)
PSYC 413 Sensation & Perception (4)
PSYC 420 Psychopharmacology (4)
PSYC 421 Behavior Neuroscience (4)
PSYC 425W Behavior Genetics (4)

Cognition (choose 4 credits)

PSYC 325 Introduction to Cognitive Psychology (4)
PSYC 414 Learning (4)
PSYC 415 Human Memory (4)
PSYC 423 Cognitive Neuroscience (4)

Developmental (choose 4 credits)

PSYC 433 Child Psychology (4)
PSYC 436 Adolescent Psychology (4)
PSYC 466 Psychology of Aging (4)

Personality/Social (choose 3-4 credits)

PSYC 340 Social Psychology (4)
PSYC 455 Abnormal Psychology (4)
PSYC 456 Personality Theories (3)
PSYC 458 Cultural Psychology (4)

Major Unrestricted Electives

(choose 12-13 credits from the following psychology courses)

PSYC 103W Psychology Today (3)
PSYC 202 Careers in Psychology (1)
PSYC 206 The Human Mind (4)
PSYC 230 Child Care Psychology (3)
PSYC 240 Personal Adjustment (3)
PSYC 289 Psychology and the Law (3)
PSYC 291 Tutoring Psychology (1-4)
PSYC 303 Introduction to Clinical Psychology (3)
PSYC 304 Introduction to School Psychology (2)
PSYC 321 Brain and Behavior (4)
PSYC 325 Introduction to Cognitive Psychology (4)
PSYC 333 Psychology of Sexual Health (3)
PSYC 340 Social Psychology (4)
PSYC 358 Cultural Psychology (4)
PSYC 398 CPT: Co-Operative Experience (0)
PSYC 405 Motivation (4)
PSYC 413 Sensation & Perception (4)
PSYC 414 Learning (4)
PSYC 415 Human Memory (4)
PSYC 419 Psychometric Theory (4)
PSYC 420 Psychopharmacology (4)
PSYC 421 Behavior Neuroscience (4)
PSYC 423 Cognitive Neuroscience (4)
PSYC 425W Behavior Genetics (4)
PSYC 433 Child Psychology (4)
PSYC 436 Adolescent Psychology (4)
PSYC 442 Group Psychology (3)
PSYC 443 Advanced Social Psychology (3)
PSYC 455 Abnormal Psychology (4)
PSYC 456 Personality Theories (3)
PSYC 460W Psychology of Women (3)
PSYC 461 Marketing Psychology (3)
PSYC 463 Survey of Industrial/Organizational Psychology (4)
PSYC 466 Psychology of Aging (4)
PSYC 476 Applied Behavior Analysis (4)
PSYC 478 Health Psychology (4)
PSYC 489 Advanced Topics (1-5)
PSYC 490 Workshop (1-3)
PSYC 491 In-Service: Issues in Behavior Therapy (1)
PSYC 497 Field Experience (1-8)
PSYC 499 Individual Study (1-4)

Required Minor. Any.

Other Graduation Requirements

Required for Bachelor of Arts (BA) degree ONLY: Language (8 credits)

PSYCHOLOGY CONTINUED

PSYCHOLOGY BS

Degree completion = 120 credits

Pre-requisites to the Major

PSYC 101 Introduction to Psychological Science (4)

Major Common Core

PSYC 201 Statistics for Psychology (4)
PSYC 211W Research Methods and Design (4)
PSYC 409 History and Systems (4)

Major Restricted Electives

(choose one course from each of the four areas)

Biological (choose 4 credits)

PSYC 321 Brain and Behavior (4)
PSYC 413 Sensation & Perception (4)
PSYC 420 Psychopharmacology (4)
PSYC 421 Behavior Neuroscience (4)
PSYC 425W Behavior Genetics (4)

Cognition (choose 4 credits)

PSYC 325 Introduction to Cognitive Psychology (4)
PSYC 414 Learning (4)
PSYC 415 Human Memory (4)
PSYC 423 Cognitive Neuroscience (4)

Developmental (choose 3-4 credits)

PSYC 433 Child Psychology (4)
PSYC 436 Adolescent Psychology (4)
PSYC 466 Psychology of Aging (4)

Personality/Social (choose 3-4 credits)

PSYC 340 Social Psychology (4)
PSYC 455 Abnormal Psychology (4)
PSYC 456 Personality Theories (3)
PSYC 458 Cultural Psychology (4)

Major Unrestricted Electives

(choose 12-13 credits from the following courses)

PSYC 103W Psychology Today (3)
PSYC 202 Careers in Psychology (1)
PSYC 206 The Human Mind (4)
PSYC 207 Introduction to Behavior Analysis (4)
PSYC 230 Child Care Psychology (3)
PSYC 240 Personal Adjustment (3)
PSYC 289 Psychology and the Law (3)
PSYC 291 Tutoring Psychology (1-4)
PSYC 303 Introduction to Clinical Psychology (3)
PSYC 304 Introduction to School Psychology (2)
PSYC 321 Brain and Behavior (4)
PSYC 333 Psychology of Sexual Health (3)
PSYC 340 Social Psychology (4)
PSYC 398 CPT: Co-Operative Experience (0)
PSYC 405 Motivation (4)
PSYC 407 Advanced Behavior Analysis (4)
PSYC 413 Sensation & Perception (4)
PSYC 414 Learning (4)
PSYC 415 Human Memory (4)
PSYC 416 Cognitive Psychology (4)
PSYC 419 Psychometric Theory (4)
PSYC 420 Psychopharmacology (4)
PSYC 421 Behavior Neuroscience (4)
PSYC 422 Neuropsychology (4)
PSYC 423 Cognitive Neuroscience (4)
PSYC 424 Physiology Psychology Laboratory (4)
PSYC 425W Behavior Genetics (4)
PSYC 429 Drug Dependence (3)
PSYC 433 Child Psychology (4)
PSYC 436 Adolescent Psychology (4)
PSYC 441 Attitudes (3)
PSYC 442 Group Psychology (3)
PSYC 443 Advanced Social Psychology (3)
PSYC 450 Advanced Cognitive Psychology (4)

PSYC 451 Methods of Enhancing Performance (3)
PSYC 453 Human Factors (3)
PSYC 455 Abnormal Psychology (4)
PSYC 456 Personality Theories (3)
PSYC 458 Cultural Psychology (3)
PSYC 460W Psychology of Women (3)
PSYC 461 Marketing Psychology (3)
PSYC 462 Management Psychology (3)
PSYC 463 Survey of Industrial/Organizational Psychology (4)
PSYC 466 Psychology of Aging (4)
PSYC 476 Applied Behavior Analysis (4)
PSYC 478 Health Psychology (4)
PSYC 489 Advanced Topics (1-5)
PSYC 490 Workshop (1-3)
PSYC 491 In-Service: Issues in Behavior Therapy (1)
PSYC 495 Honors Seminar in Psychology (2)
PSYC 496 Laboratory Research in Psychology (2)
PSYC 497 Field Experience (1-8)
PSYC 499 Individual Study (1-4)

Required Minor: Yes. Any.

PSYCHOLOGY MINOR

Required for Minor (General Education)

PSYC 101 Introduction to Psychological Science (4)
Choose 17 credits of electives, including at least 8 credits at the 400 level.
PSYC Elective
PSYC Elective
PSYC Elective
PSYC 400 Level Elective
PSYC 400 Level Elective
PSYC 400 Level Elective

COURSE DESCRIPTIONS

PSYC 101 (4) Introduction to Psychological Science

This course is designed to provide a thorough introduction to the broad spectrum of theories and applications that make up the field of psychology.

Fall, Spring

GE-5

PSYC 103W (3) Psychology Today

Introduces students to major issues in society that impact their lives, behaviors, and the way they think. Course requires student to critically address controversial and non-controversial issues through clear argumentations, intensive writings, research and presentations.

Spring

WI, GE-2

PSYC 201 (4) Statistics for Psychology

1.) Learn the importance of statistics for understanding human behavior. 2.) Apply basic statistical concepts to questions about human behavior. 3.) Conduct basic statistical tests and make inferences about human behavior. 4.) Prepare students in the psychology major to take PSYC 211-Research Methods and Design.

Pre: MATH 112

Fall, Spring

PSYC 202 (1) Careers in Psychology

Exploration of various degrees and types of careers available in psychology, and what psychologists do.

Fall, Spring

PSYC 206 (4) The Human Mind

An overview of psychology from the cognitive perspective. What we know about the mental processes that underlie human activities and how we study them.

Spring

GE-5

PSYCHOLOGY CONTINUED

PSYC 211 (4) Research Methods and Design

An introduction to the major components of research methodology in psychology. This is a writing intensive course and involves the processing, interpretation, and exposition of behavioral data.

Pre: PSYC 201

Fall, Spring

PSYC 211W (4) Research Methods and Design

An introduction to the major components of research methodology in psychology. This is a writing intensive course and involves the processing, interpretation, and exposition of behavioral data.

Pre: PSYC 201

Fall, Spring

WI

PSYC 230 (3) Child Care Psychology

This course is designed to develop an understanding of major variables that impact the psychological development of children. Emphasis will be placed on what parents and other care givers can do to maximize the healthy psychological development of their children.

Fall, Spring

Diverse Cultures - Gold

PSYC 240 (3) Personal Adjustment

Understanding oneself and increasing one's satisfaction in living.

Fall, Spring

PSYC 289 (3) Psychology and the Law

This course will introduce you to specific psychological theories and research that have been applied to the United States legal system. Course topics include eyewitness testimony and memory, false confessions, lie detection, gender and ethnicity, and jury processes, among others.

Variable

PSYC 291 (1-4) Tutoring Psychology

Application of the principles of learning to the instruction of students.

Permission required. Pre: PSYC 101

Fall, Spring

PSYC 303 (3) Introduction to Clinical Psychology

This course is designed for psychology majors who plan careers in professional psychology (clinical, school, etc.). The purpose of the course is to assist students in developing the skills necessary to compete for graduate school placement. It is advised that students complete this course during their sophomore or junior year.

Pre: PSYC Major and 3.0 GPA

Fall

PSYC 304 (2) Introduction to School Psychology

This course is designed to introduce students to school psychology. The course will broadly address prominent topics in the field as well as assist students in deciding on graduate school and career objectives.

Spring

PSYC 321 (4) Brain and Behavior

This course will introduce students to the relationship between the structure and function of the nervous system to the underlying biological processes of behavior.

Pre: PSYC 201, PSYC 211W

Fall, Spring

PSYC 325 (4) Introduction to Cognitive Psychology

Explores the scientific study of human cognition and provides students with broad coverage of the mental processes used to acquire, process, and retain knowledge. Students will examine basic concepts and research findings in topics of human cognition such as perception, attention, memory, reading, and problem solving. Concepts in Cognitive Psychology will be related to everyday behaviors and experiences.

Pre: PSYC 201 & PSYC 211

Fall, Spring

PSYC 333 (3) Psychology of Sexual Health

An overview of the psychological aspects of sexuality including the assessment and treatment of sexual disorders, gender development and identity, sexual orientation, behavioral effects on sexual health, and sexual offending and trauma.

Variable

PSYC 340 (4) Social Psychology

An exploration of theories and research related to the ways that the social environment affects people's behavior.

Pre: PSYC 101

Fall, Spring

PSYC 358 (4) Cultural Psychology

Cultural psychology is an interdisciplinary field that unites psychologists, anthropologists, linguists and philosophers to study how cultural meanings, practices and institutions influence and reflect individual human psychologies. Cultural influences on cognition, perception, emotion, motivation, moral reasoning, and well-being will be discussed with a view towards understanding divergent mentalities by drawing primarily from studies comparing Eastern and Western cultures, as well as some ethnic group companions within the United States. Students should come out of this course with an appreciation for the capacity for humans to create psychological diversity.

Spring

PSYC 398 (0) CPT: Co-Operative Experience

Curricular Practical Training: Co-Operative Experience is a zero-credit full-time practical training experience for one summer and on adjacent fall or spring term. Special rules apply to preserve full-time student status. Please contact an advisor in your program for complete information.

Pre: PSYC 101. At least 60 credits earned; in good standing; instructor permission; co-op contract; other prerequisites may also apply.

Fall, Spring, Summer

PSYC 405 (4) Motivation

Major concepts of human motivation and emotion, presentation of learned cognitive and biological influences on sustained behavior.

Pre: PSYC 201, PSYC 207 or PSYC 211, or consent

Fall

PSYC 409 (4) History and Systems

Examination of the historical origins of the principal contemporary psychological theories.

Fall, Spring

PSYC 413 (4) Sensation & Perception

How the senses respond to environmental stimuli and how the information they provide is organized into meaningful patterns that make up our experience of the physical world. The effects of maturation and learning in altering those patterns as also considered.

Pre: PSYC 101, PSYC 201, PSYC 207 or PSYC 211

Fall, Spring

PSYC 414 (4) Learning

This course provides a broad overview and analysis of the major theories of human and animal learning.

Pre: PSYC 101

Fall

PSYC 415 (4) Human Memory

This course covers experimental and behavioral studies of human memory including long- and short-term memory, memory for text, pictures, spatial information, and autobiographical events. Emphasis on real-world situations, including education, in which memory and learning play a role.

Pre: PSYC 201 & PSYC 211

Fall

PSYC 419 (4) Psychometric Theory

An overview of development, use, and validation of psychological tests. Topics include reliability and validity, test construction, item analysis, ethics, test administration and scoring, and computerized testing.

Pre: PSYC 201

Fall

PSYCHOLOGY CONTINUED

PSYC 420 (4) Psychopharmacology

Biological foundations of the actions of psychoactive drugs. Neuroanatomy structure and function, neurophysiology, pharmacokinetics and pharmacodynamics will be covered in detail. Relevant classes of drugs will be highlighted with an eye toward their history, mechanisms of action, effects, and treatments.

Pre: PSYC 211

Spring

PSYC 421 (4) Behavior Neuroscience

Biological basis of psychological processes and behavior. Neuroanatomy, neural function, and laboratory methods of investigation will be explored in relation to topics such as sleep, memory, language, intelligence and psychological disorders.

Pre: PSYC 201, and either PSYC 207 or PSYC 211

Fall, Spring

PSYC 423 (4) Cognitive Neuroscience

The goal of neuroscience is to understand the human mind. This goal is approached by revealing the brain processes involved in how we perceive, think, remember, and move. Brain development, communication, and plasticity at the neural level are all described.

Pre: PSYC 421

Spring

PSYC 425 (4) Behavior Genetics

This writing intensive course provides an overview of the application of genetics methods to the study of behavior. We will examine the basic concepts in genetics with an emphasis on behavioral phenotypes, evolution and evolutionary psychology and the genetics of the individual differences.

Pre: PSYC 211

Variable

PSYC 425W (4) Behavior Genetics

This writing intensive course provides an overview of the application of genetics methods to the study of behavior. We will examine the basic concepts in genetics with an emphasis on behavioral phenotypes, evolution and evolutionary psychology and the genetics of the individual differences.

Pre: PSYC 211

Variable

WI

PSYC 430 (4) Advanced Topics in Biological Psychology

This course provides students with an overview of the fundamental principles and current research on selected topics in biological psychology through critical evaluation and discussion.

Pre: PSYC 201, PSYC 211W

Fall, Spring

PSYC 433 (4) Child Psychology

Physical, social, emotional, intellectual, and personality development from conception to preadolescence. Focus on interplay between maturation and experience.

Pre: PSYC 101

Fall, Spring

PSYC 436 (4) Adolescent Psychology

This class covers the development of the individual from the age of 11 to 19 years of age. Discussion will include aspects of both normal and abnormal development.

Fall, Spring

PSYC 442 (3) Group Psychology

Exploring factors affecting leadership and effective group processes through lectures and discussion of theories and findings and through experiential activities.

Pre: PSYC 101

Variable

PSYC 443 (3) Advanced Social Psychology

An in-depth examination of social psychological research in laboratory and field settings.

Pre: PSYC 211W, PSYC 340 or PSYC 458

ALT

PSYC 450 (4) Advanced Cognitive Psychology

Advanced Cognitive Psychology introduces students to key research papers in the field of human cognition. Through reading, writing, and the study of experimental design, students will advance their understanding of cognitive psychology and develop their ability to critically review and evaluate research.

Pre: PSYC 325 or PSYC 414 or PSYC 415

Fall (On-Demand), Spring (On-Demand)

PSYC 455 (4) Abnormal Psychology

This course is designed to increase the student's awareness and understanding of abnormal psychology. Students will become familiar with clinical descriptions, course of onset, and treatment regimens specific to various disorders.

Pre: 8 PSYC credits

Fall, Spring

PSYC 456 (3) Personality Theories

Major theories of normal personality formation, organization, and structure.

Pre: 8 PSYC credits

Fall, Spring

PSYC 460W (3) Psychology of Women

A critical examination of current psychological approaches to the study of women's behavior and experience. The course will emphasize empirical ways of knowing and address psychological questions of central concern to women. Development of gender differences also will be explored.

Pre: PSYC 101

Spring

WI

Diverse Cultures - Purple

PSYC 461 (3) Marketing Psychology

Analysis of product marketing and consumer purchasing strategies and their determinants.

Pre: 8 PSYC credits

Fall

PSYC 463 (4) Survey of Industrial/Organizational Psychology

An examination of the psychological aspects of human behavior in the work place. Topics include history of Industrial/Organizational psychology, job analysis, performance measurement, predictors of performance, making personnel decisions, training, satisfaction, social perception, motivation, communication, group process, leadership, and organizational culture.

Pre: PSYC 201, PSYC 211

Variable

PSYC 466 (4) Psychology of Aging

Aging process and development during the adult years; psychology and psychological concerns of the aging individual; dealing with death.

Pre: PSYC 101

Spring

PSYC 476 (4) Applied Behavior Analysis

This course provides an overview of the procedures and processes of behavior change in applied contexts. Topics include functional assessment, behavioral intervention planning, and specific applied behavioral analytic interventions with an emphasis on non-aversive options.

Pre: PSYC 207 or PSYC 211

Spring

PSYC 478 (4) Health Psychology

The interface of behavioral and medical science is explored. Research on environmental and learning factors in the etiology and treatment of physical disease and rehabilitation is examined. Specific topics include pain management, medical compliance, behavior disorders in nursing homes and on chronic illnesses.

Pre: Three courses in PSYC

Spring

PSYCHOLOGY CONTINUED

PSYC 489 (1-5) Advanced Topics

Application of psychology to topics of current interest. May be retaken for credit.
Variable

PSYC 490 (1-3) Workshop

Topics to be announced. May be retaken for credit.
Fall, Spring

PSYC 491 (1) In-Service: Issues in Behavior Therapy

Current issues in Behavior Therapy are addressed. Students participate in off-campus didactic activities such as attendance at grand rounds at local hospitals, attendance at national, regional or local professional conferences, and augment learning with library research. Topics vary and students may repeat for credit.
Pre: Consent. Academic and experience in human services strongly recommended.
Fall, Spring

PSYC 496 (2) Laboratory Research in Psychology

Individualized research experience with a faculty mentor in the psychology department. You will gain specific research experience as designed by a faculty mentor. To register for this course, you must first apply and be accepted to join a psychology faculty members' research team.
Pre: PSYC 211W
Fall, Spring

PSYC 497 (1-8) Field Experience

A learning experience integrated with the student's course of study, to be developed with an advisor and the field experience coordinator. May be retaken for credit up to an 8 credit total for all enrollments. Available for P/N grading only.
Pre: 9 credits of PSYC
Fall, Spring

PSYC 499 (1-4) Individual Study

Individualized learning under faculty supervision.
Fall, Spring