

PSYCHOLOGY

Psychology

College of Social & Behavioral Sciences

Department of Psychology

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Website: www.mnsu.edu/psych/psych.html

Chair: Barry J. Ries

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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.

Psychology Honors Degree. The purpose of the psychology departmental honors degree program is to provide top-level psychology students with an opportunity to obtain specialized research training that will make them better research scholars and more competitive applicants for graduate school in psychology and psychology-related programs. Regardless of participation in the university-level honors program. These top psychology students would obtain research experience modeled after graduate-level training, which is both similar to and recognized by other university.

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 2.50 ("C").
 - completion of PSYC 201 (Statistics) with a grade of "C" or better.
- Contact the department for application procedures.

POLICIES/INFORMATION

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 a 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 bulletin.

PSYCHOLOGY BA

Prerequisites to the Major

PSYC 101 Introduction to Psychological Science (4)

Major Common Core

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

Major Restricted Electives

Learning and Cognition

(Choose 4 credits)

PSYC 413 Sensation & Perception (4)

PSYC 414 Learning (4)
PSYC 415 Human Memory (4)
PSYC 416 Cognitive Psychology (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 (3)

Biological

(Choose 4 credits)

PSYC 420 Drugs and Behavior (4)
PSYC 421 Biopsychology (4)
PSYC 423 Cognitive Neuroscience (4)
PSYC 425 Behavioral Genetics (3)

Developmental

(Choose 3-4 credits)

PSYC 433 Child Psychology (4)
PSYC 436 Adolescent Psychology (4)
PSYC 466 Psychology of Aging (3)

Major Unrestricted Electives

(Choose 13-15 credits from the following psychology 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 340 Social Psychology (4)
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 Drugs and Behavior (4)
PSYC 421 Biopsychology (4)
PSYC 422 Neuropsychology (4)
PSYC 423 Cognitive Neuroscience (4)
PSYC 424 Physiology Psychology Laboratory (4)
PSYC 425 Behavioral Genetics (3)
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 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 (3)
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 497	Field Experience (1-8)
PSYC 499	Individual Study (1-4)

Other Graduation Requirements

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

PSYCHOLOGY BS

Prerequisites to the Major

PSYC 101	Introduction to Psychological Science (4)
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Major Common Core

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

Major Restricted Electives

Learning and Cognition

(Choose 4 credits)

PSYC 413	Sensation & Perception (4)
PSYC 414	Learning (4)
PSYC 415	Human Memory (4)
PSYC 416	Cognitive Psychology (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 (3)

Biological

(Choose 4 credits)

PSYC 420	Drugs and Behavior (4)
PSYC 421	Biopsychology (4)
PSYC 423	Cognitive Neuroscience (4)
PSYC 425	Behavioral Genetics (3)

Developmental

(Choose 3-4 credits)

PSYC 433	Child Psychology (4)
PSYC 436	Adolescent Psychology (4)
PSYC 466	Psychology of Aging (3)

Major Unrestricted Electives

(Choose 13-15 credits from the following psychology 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 340	Social Psychology (4)
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	Drugs and Behavior (4)
PSYC 421	Biopsychology (4)
PSYC 422	Neuropsychology (4)
PSYC 423	Cognitive Neuroscience (4)
PSYC 424	Physiology Psychology Laboratory (4)
PSYC 425	Behavioral Genetics (3)
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 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 (3)
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 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

This course emphasizes understanding the conceptual basis of common statistical procedures and applying those procedures to the problems of organizing information and making inferences from data. Topics include: summarizing data, the logic of inference, estimation, analysis of variance, and correlation.

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

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PSYC 207 (4) Introduction to Behavior Analysis

This is a unit/mastery and laboratory course designed to introduce the student to the science of behavior analysis: the study of how behavior is influenced by its interactions with environmental events. The subject matter will be illustrated by human and animal experiments.
Fall

PSYC 211 (4) Research Methods and Design

An introduction to the major components of internally valid investigations. Includes use of computers in psychological research.
Pre: PSYC 201
Fall, Spring

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 Culture - 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 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 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 cogni-

tive and biological influences on sustained behavior.
Pre: PSYC 201, PSYC 207 or PSYC 211, or consent
Fall

PSYC 407 (4) Advanced Behavior Analysis

The science and technology of Behavior Analysis. The application of the principles of operant and respondent conditioning to the understanding and modification of human behavior. The primary mode of instruction is unit/mastery based on the text. There will also be a lab component involving human and animal experiments.
Pre: PSYC 207
Variable

PSYC 409 (4) History and Systems

Examination of the historical origins of the principal contemporary psychological theories.
Pre: PSYC 211, Senior Status
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 416 (4) Cognitive Psychology

An examination and evaluation of selected topics dealing with human information processing such as attention, memory, pattern recognition, consciousness, language, dyslexia, decision making, and problem-solving.
Pre: PSYC 201 & PSYC 211
Fall, Spring

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

PSYC 420 (4) Drugs and Behavior

Drug and alcohol use and abuse including history, biology, psychology, sociology, and clinical treatment and prevention of abuse.
Pre: PSYC 211
Spring

PSYC 421 (4) Biopsychology

Biological basis of psychological processes and behavior. Basic topics such as neuroanatomy and neuron function are presented as well as more general ones such as sensation and movement, sleep, memory and learning, schizophrenia and depression.
Pre: PSYC 201, and either PSYC 207 or PSYC 211
Fall, Spring

PSYC 422 (4) Neuropsychology

Detailed analysis of the relationship between human behavior and brain function. Basic topics will include cerebral asymmetry, memory, language, and attention as well as behavioral deficits such as learning disabilities, psychiatric disorders, and disconnection syndromes associated with neurological abnormalities.

Pre: PSYC 421

Variable

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 424 (4) Physiological Psychology Laboratory

This course provides an in depth, hands on follow up to biopsychology. Through lectures, discussion and laboratory exercises this class will explore the workings of the brain and how the structure and function of the nervous system leads to behavior.

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) Behavioral 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

WI

Variable

PSYC 429 (3) Drug Dependence

Examination of psychological theories relevant to the prevention and treatment of drug abuse.

Pre: PSYC 101

Fall

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 441 (3) Attitudes

Examining cultural, social, and individual influences on attitude development and change through lectures and discussions of theories and findings, and through experiential activities.

Pre: PSYC 101

Variable

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 201, PSYC 211, and PSYC 340

ALT

PSYC 451 (3) Methods of Enhancing Performance

The role of psychological factors in performance and psychological methods of performance enhancement. Factors examined will include attention, motivation, decision making, mental rehearsal, arousal, and self management.

Pre: 8 PSYC credits

Variable

PSYC 453 (3) Human Factors

The person-machine system; the strengths, operating limits, and tendencies of its human component.

Pre: PSYC 201 and PSYC 211 or PSYC 207

Variable

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 458 (3) 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 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 462 (3) Management Psychology

Managerial behavior, problems, and effects in planning, problem-solving, decision-making, supervision, leadership, conflict, communication, appraisal, motivation, training, and information systems in organizational environments.

Pre: 8 PSYC credits

Variable

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 analy-

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sis, 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 (3) 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

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 495 (2) Honors Seminar in Psychology

The honors seminar is required for all psychology honors students and will provide a forum for discussing common concerns such as the process of writing an IRB proposal, writing in APA style, time management issues, and professional development.

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