Psychology
College of Social & Behavioral Sciences
Department of Psychology
23 Armstrong Hall • 507-389-2724
Website: www.mnsu.edu/psych/psych.html

Chair: Barry J. Ries
Dawn Albertson, Kathy Bertsch, Jeffrey Buchanan, Kristie Campana, Kevin Filter, Daniel Houlihan, Rosemary Krawczyk, Andrea Lassiter, Karla Lasonde, Vinai Norasakkunkit, Carlos Panahon, Lisa Perez, Daniel Sachau, Sarah Sifers, Emily Stark

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 department 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 as 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.

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 Psychology (4)

Major Common Core
PSYC 201 Statistics for Psychology (4)
PSYC 211 Research Methods and Design (4)
PSYC 409 History and Systems (3)

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 Neuroscience (4)

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 103 Psychology Today (3)
PSYC 103W Psychology Today (3)
PSYC 198 Psychology CLEP Examination (4)
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 Neuroscience (4)
PSYC 424 Physiology Psychology Laboratory (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 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 460 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)

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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 Psychology (4)

Major Common Core
PSYC 201 Statistics for Psychology (4)
PSYC 211 Research Methods and Design (4)
PSYC 409 History and Systems (3)

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 Neuroscience (4)

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 103 Psychology Today (3)
PSYC 103W Psychology Today (3)
PSYC 198 Psychology CLEP Examination (4)
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 Neuroscience (4)
PSYC 424 Physiology Psychology Laboratory (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 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 460 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 Psychology (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

COURSE DESCRIPTIONS

PSYC 101 (4) Psychology
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

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 349 (4) Psychological Methods
An overview of psychological methods, including the design and analysis of experiments and the evaluation of psychological tests. 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 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 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 (3) 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
**PSYCHOLOGY**

**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
Fall, 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) Neuroscience**
The goal of neuroscience is to understand the human mind. This goal is approached by revealing the brain processes involved I 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 course provides an overview of the application of genetic methods to the study of behavior. This course examines the basic concepts in genetics with an emphasis on behavioral phenotypes, evolution and evolutionary psychology and the genetics of individual differences.
Pre: PSYC 211
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 460 (3) Psychology of Women**
Psychological study of women in historical and functional perspective. Role of hereditary, physiological, and socialization variables on women’s thinking, feelings, and behavior.
Pre: PSYC 101
Spring
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 workplace. 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 (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
Principles and procedures of behavior therapy in clinical areas. Emphasis is placed on procedures for developing more appropriate behaviors through positive and negative reinforcement, modeling, and cognitive procedures. Decreasing problematic behaviors through decelerating consequences and exposure techniques is also presented.
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