Psychology

Psychology is the science of behavior, cognition, and affect. All psychology is grounded in research that ultimately seeks to understand the actions, thoughts, and emotions of people. Applied psychology is designed to provide practical solutions to human problems.

The Psychology major emphasizes psychology as an applied and scientific discipline. Students majoring in Psychology receive particular preparation for graduate study in the field and broad preparation for employment in the human services and a wide range of positions requiring a college degree.

Advanced degrees are required for the following representative careers: child psychologist, clinical psychologist, college professor, experimental psychologist, industrial psychologist, rehabilitation counselor, school psychologist, and secondary school counselor.

Programs

- Psychology, B.A. *major*
- Psychology, B.S. *major*
- Social Studies, B.A. (Psychology Emphasis) *major*
- Psychology *minor*

Career Directions

Adolescent Counselor
Agency Administrator
Career Counselor
Case Worker
Chemical Dependency Counselor
Corrections Worker
Crisis Counselor
Data Analyst
Day Care Teacher
Early Childhood Family Education Specialist
Gerontology Specialist
Group Facilitator
Head Start Worker
Human Resources Specialist
In-Home Family Counselor
Juvenile Treatment Specialist
Law
Medicine
Probation Officer
Psychiatric Aide
Sexual Assault Advocate
Special Education Worker
Specialized Career Directions/Applied Psychology
Specialized Career Directions/Psychology
Also: Graduate Training/Professional Psychology

Preparation

Recommended High School Courses

Biology
English
Mathematics
Social Science

Psychology, B.A. *major*

The Psychology major at BSU provides students with unique opportunities to prepare for work in applied psychology and the human services at the Bachelor's level. The major also offers unique opportunities for students to prepare for graduate programs leading to Master's and Doctoral degrees in various fields of psychological practice and science. Many students choose the major to complete a general liberal arts degree or to prepare for work in fields other than psychology.

Required Credits: 49
Required GPA: 2.25

I REQUIRED COURSES

COMPLETE THE FOLLOWING COURSES:

- PSY 1100 Introductory Psychology (4 credits)
- PSY 2217 Abnormal Psychology (4 credits)
- PSY 2227 Learning and Cognition (4 credits)
- PSY 3237 Lifespan Development (4 credits)
- PSY 3401 Basic Statistics for Research (4 credits)
- PSY 3402 Research Methods (4 credits)
- PSY 4588 Multicultural Psychology (4 credits)

II REQUIRED ELECTIVES

Students should choose electives in the major that best match their interests and career goals. In consultation with their advisor, students should select 21 credits of elective courses as follows.

GROUP 1: ELECTIVES
Select a minimum of 12 additional credits of Psychology courses at any level.

These credits may include Pre-Intership Seminar (PSY 4870) and up to 6 credits of Internship in Psychology (PSY 4970). Internships require senior standing, completion of all relevant coursework and consent of an advisor.

Additional credits from Research Lab may also be included. An overall maximum of 6 credits from Research Lab can be used to fulfill the 21 elective requirement of the major (Group 1 and Group 2).

General Elective credits may also include a course from outside the department of Psychology. In consultation with their advisor, students may include up to 4 credits from one of the following courses from

outside the department.

- BIOL 1110 Human Biology (4 credits)
- BIOL 1211 Introductory Biology I (4 credits)
- BIOL 3150 Animal Behavior (3 credits)
- CRJS 3307 Victimological Theory and Practice (3 credits)
- CRJS 4487 Principles of Criminal Justice Supervision (3 credits)
- GWS 2220 Women's Issues (3 credits)
- HLTH 3500 Community Health (3 credits)
- INST 1107 Introduction to Turtle Island (3 credits)
- INST 2202 Survivance Since Contact (3 credits)
- PHIL 2220 Ethics (3 credits)
- PHIL 2230 Logic (3 credits)
- PHIL 3330 Nineteenth Century Philosophy (3 credits)
- SOWK 2030 Introduction to Substance and Behavior Addictions (3 credits)
- SOWK 3030 Family Violence (3 credits)
- SOWK 3201 Family: Dynamics and Intervention (3 credits)
- SOC 2230 Race and Ethnic Relations (3 credits)

GROUP 2: 4000 - LEVEL ELECTIVES
Select a minimum of 9 credits of Psychology courses at the 4000 level. These credits may include a maximum of 3 credits from Research Lab (PSY 4447). Credits from Pre-Internship Seminar (PSY 4870) and Internship in Psychology (PSY 4970) may not be included.

SUGGESTED SEMESTER SCHEDULE FOR PSYCHOLOGY, B.A. MAJOR

Freshman:

- Fall Semester: PSY 1100 Introductory Psychology (4 credits)
- Spring Semester: PSY 2217 Abnormal Psychology (4 credits)

Sophomore:

- Fall Semester: PSY 2227 Learning and Cognition (4 credits)
- Spring Semester: PSY 3237 Lifespan Development (4 credits)

Junior:

- Fall Semester: PSY 3401 Basic Statistics for Research (4 credits) and 3000 level Psychology electives, 6 or more credits
- Spring Semester: PSY 2217 Abnormal Psychology (4 credits), PSY 4588 Multicultural Psychology (4 credits) and 3000 level Psychology electives, 6 or more credits

Senior:

- Fall Semester: 4000 level Psychology electives, 4-5 credits
- Spring Semester: 4000 level Psychology electives, 4-5 credits

Psychology, B.S. *major*

The Psychology major at BSU provides students with unique opportunities to prepare for work in applied psychology and the human services at the Bachelor's level. The major also offers unique opportunities for students to prepare for graduate programs leading to Master's and Doctoral degrees in various fields of psychological practice and science. Many students choose the major to complete a general liberal arts degree or to prepare for work in fields other than psychology.

Required Credits: 49
Required GPA: 2.25

I REQUIRED COURSES

COMPLETE THE FOLLOWING COURSES:

- PSY 1100 Introductory Psychology (4 credits)
- PSY 2217 Abnormal Psychology (4 credits)
- PSY 2227 Learning and Cognition (4 credits)
- PSY 3237 Lifespan Development (4 credits)
- PSY 3401 Basic Statistics for Research (4 credits)
- PSY 3402 Research Methods (4 credits)
- PSY 4588 Multicultural Psychology (4 credits)

II REQUIRED ELECTIVES

Students should choose electives in the major that best match their interests and career goals. In consultation with their advisor, students should select 21 credits of elective courses as follows.

GROUP 1: ELECTIVES
Select a minimum of 12 additional credits of Psychology courses at any level.

These credits may include Pre-Intership Seminar (PSY 4870) and up to 6 credits of Internship in Psychology (PSY 4970). Internships require senior standing, completion of all relevant coursework and consent of an advisor.

Additional credits from Research Lab may also be included. An overall maximum of 6 credits from Research Lab can be used to fulfill the 21 elective requirement of the major (Group 1 and Group 2).

General Elective credits may also include a course from outside the Department of Psychology. In consultation with their advisor, students may include up to 4 credits from one of the following courses from outside the department.

- BIOL 1110 Human Biology (4 credits)
- BIOL 1211 Introductory Biology I (4 credits)
- BIOL 3150 Animal Behavior (3 credits)
- CRJS 3307 Victimological Theory and Practice (3 credits)
- CRJS 4487 Principles of Criminal Justice Supervision (3 credits)
- GWS 2220 Women's Issues (3 credits)
- HLTH 3500 Community Health (3 credits)
- INST 1107 Introduction to Turtle Island (3 credits)
- INST 2202 Survivance Since Contact (3 credits)
- PHIL 2220 Ethics (3 credits)
- PHIL 2230 Logic (3 credits)
- PHIL 3330 Nineteenth Century Philosophy (3 credits)
- SOWK 2030 Introduction to Substance and Behavior Addictions (3 credits)
- SOWK 3030 Family Violence (3 credits)
- SOWK 3201 Family: Dynamics and Intervention (3 credits)
- SOC 2230 Race and Ethnic Relations (3 credits)

GROUP 2: 4000 - LEVEL ELECTIVES
Select a minimum of 9 credits of Psychology courses at the 4000 level. These credits may include a maximum of 3 credits from Research Lab (PSY 4447). Credits from Pre-Internship Seminar (PSY 4870), Teaching Assistantships (PSY 4910) and Internship in Psychology

(PSY 4970) may not be included.

SUGGESTED SEMESTER SCHEDULE FOR PSYCHOLOGY, B.S. MAJOR

Freshman:

- Fall Semester: PSY 1100 Introductory Psychology (4 credits)
- Spring Semester: PSY 2217 Abnormal Psychology (4 credits)

Sophomore:

- Fall Semester: PSY 2227 Learning and Cognition (4 credits)
- Spring Semester: PSY 3237 Lifespan Development (4 credits)

Junior:

- Fall Semester: PSY 3401 Basic Statistics for Research (4 credits) and 3000 level Psychology electives, 6 or more credits
- Spring Semester: PSY 2217 Abnormal Psychology (4 credits), PSY 4588 Multicultural Psychology (4 credits) and 3000 level Psychology electives, 6 or more credits

Senior:

- Fall Semester: 4000 level Psychology electives, 4-5 credits
- Spring Semester: 4000 level Psychology electives, 4-5 credits

Social Studies, B.A. *major*
Psychology Emphasis

Note: A minimum of 22 semester credits used to meet course requirements in I and II must be completed at Bemidji State University. No course grade below a C may be used to meet these requirements and a minimum GPA of 2.50 in this major is required for graduation. Students who desire a second field of emphasis are to consider completion a minor or a second major in that field. Such action may complement and increase the marketability of this major.

Required Credits: 48
Required GPA: 2.50

I REQUIRED CORE CURRICULUM

CAPSTONE COURSE
COMPLETE THE FOLLOWING COURSE:

- POL 4500 Thesis and Career Preparation (3 credits)

ECONOMICS COURSES
SELECT 1 OF THE FOLLOWING COURSES:

- ECON 2000 Markets and Resource Allocation (3 credits)
- ECON 2100 Macroeconomics and the Business Cycle (3 credits)

GEOGRAPHY COURSES
SELECT 1 OF THE FOLLOWING COURSES

- GEOG 2100 Introduction to Physical Geography (3 credits)
- GEOG 2200 Introduction to Human Geography (3 credits)

GEOGRAPHY COURSES
SELECT 1 OF THE FOLLOWING COURSES:

- GEOG 3410 Geography of North America (3 credits)
- GEOG 3800 Regional Geography (1-3 credits)
- GEOG 3810 Geography of Europe (3 credits)
- GEOG 3820 Geography of East, South, and Southeast Asia (3 credits)
- GEOG 3840 Geography of Africa (3 credits)

WORLD HISTORY
SELECT 1 OF THE FOLLOWING COURSES

- HST 2218 Medieval Europe (3 credits)
- HST 2219 Medieval European Culture (3 credits)
- HST 2228 Renaissance and Reformation Europe (3 credits)
- HST 2580 Russia (3 credits)
- HST 2600 Topics in History (3 credits)
- HST 2660 Women and History (3 credits)
- HST 2700 The History of World Religions (3 credits)
- HST 2800 Reacting to the Past (3 credits)
- HST 3159 The World at War, 1931-1945 (3 credits)
- HST 3208 Greece and Rome, 1500 BCE-500 CE (3 credits)
- HST 3258 The Roman Civil Law Tradition (3 credits)
- HST 3268 The Roman Revolution, 200 BCE-CE 14 (3 credits)
- HST 3277 Readings and Research in European History (3 credits)
- HST 3409 Colonialism and Modernization in the Non-Western World (3 credits)
- HST 3419 East Asia (3 credits)
- HST 3429 South and Southeast Asia (3 credits)
- HST 3449 Middle East (3 credits)
- HST 3459 Latin America (3 credits)

U.S. HISTORY
SELECT 1 OF THE FOLLOWING COURSES

- HST 2600 Topics in History (3 credits)
- HST 2610 Minnesota History (3 credits)
- HST 2640 United States Diplomatic History (3 credits)
- HST 2667 Men and Women: Gender in America (3 credits)
- HST 2800 Reacting to the Past (3 credits)
- HST 3117 American Revolutionary Era, 1763-1800 (3 credits)
- HST 3128 Testing Democracy: Reform in Nineteenth-Century America (3 credits)
- HST 3137 Civil War and Reconstruction, 1844-1877 (3 credits)
- HST 3159 The World at War, 1931-1945 (3 credits)
- HST 3187 American West (3 credits)

POLITICAL SCIENCE COURSES
SELECT 1 OF THE FOLLOWING COURSES

- POL 1200 Introduction to American Politics (3 credits)
- POL 1300 Introduction to International Relations (3 credits)
- POL 1400 Introduction to Comparative Politics (3 credits)

POLITICAL SCIENCE COURSES
SELECT 1 OF THE FOLLOWING COURSES

- POL 3100 American Foreign Policy (3 credits)
- POL 3130 Asian Political Development (3 credits)
- POL 3150 Topics in Political Science (1-3 credits)
- POL 3160 Comparative European Politics (3 credits)
- POL 3170 International Relations (3 credits)
- POL 3180 International Law and Organization (3 credits)
- POL 3190 International Political Economy (3 credits)
- POL 3200 Minnesota Politics (3 credits)
- POL 3210 Public Administration (3 credits)
- POL 3230 Environmental Politics (3 credits)
- POL 3410 Legislative and Executive Relations (3 credits)
- POL 3420 Campaigns and Elections (3 credits)

- POL 4200 Constitutional Law (3 credits)

SOCIOLOGY COURSES
COMPLETE THE FOLLOWING COURSES:

- SOC 2200 Social Movements and Change (3 credits)
- SOC 3010 Social Theory (3 credits)

II REQUIRED FIELD OF EMPHASIS

a. COMPLETE THE FOLLOWING COURSE:

- PSY 1100 Introductory Psychology (4 credits)

b. SELECT 14 SEMESTER CREDITS OF ELECTIVES FROM PSYCHOLOGY

SUGGESTED SEMESTER SCHEDULE FOR SOCIAL STUDIES MAJOR, B.A.

The following is suggested for logical and effective scheduling but can be interpreted as flexible for meeting requirements and a student's particular needs. Students should meet with the Social Studies coordinator and advisor as early as possible in their planning.

Freshman - Sophomore

- Geography and History constitute the "matrix" of Social Studies and students should complete required core courses in these subjects first.
- Complete Liberal Education requirements

Junior-Senior

- Complete remaining core course requirements and courses for area of emphasis.
- Complete Professional Education courses
- Students pursuing the B.S. Teacher Licensure in Social Studies should complete GEOG 3460 no sooner than their junior year, preferably just prior to their student teaching.

Psychology *minor*

Multiple Credentials
Any additional major, minor or certificate in a degree must have at least 6 credits of course work not used to meet the requirements of another major, minor or certificate in the degree.

Required Credits: 19
Required GPA: 2.00

I REQUIRED COURSES

SELECT THE FOLLOWING COURSE:

- PSY 1100 Introductory Psychology (4 credits)

II REQUIRED ELECTIVES

SELECT 15 SEMESTER CREDITS FROM PSYCHOLOGY COURSES

Psychology Courses

PSY 1010 Stress and Coping (2 credits)
Focuses on the development of personal skills related to health and lifetime achievement. Topics include stress management, self-motivation, study skills, interpersonal relationships, and overcoming common anxieties. Liberal Education Goal Area 11.

PSY 1100 Introductory Psychology (4 credits)
Introduction to the study of behavior, cognition, and emotion and general survey of psychological principles. Liberal Education Goal Area 5.

PSY 2200 Human Sexuality (3 credits)
Physiological and psychosocial aspects of human sexual behavior with an emphasis on healthy sexual adjustment. Liberal Education Goal Area 7.

PSY 2217 Abnormal Psychology (4 credits)
Survey of the major forms of psychopathology in children, adolescents, and adults. Examines assessment, diagnosis, and current research into the causes and treatment of psychological disorders. Prerequisite: PSY 1100.

PSY 2227 Learning and Cognition (4 credits)
An introduction to behavioral and cognitive theories of behavior change and associated applications in animal training, education, and applied psychology. Prerequisite: PSY 1100.

PSY 2357 Industrial and Organizational Psychology (3 credits)
Presentation and analysis of theoretical, technical, and applied aspects of psychology in work settings. Topics include: human resources activities (selection, training and evaluation of personnel), work motivation, job satisfaction, leadership, organizational structure, group/team communication, working conditions. Prerequisite: PSY 1100.

PSY 2925 People of the Environment: Psychology Perspective (3 credits)
This class will provide an opportunity for students to reflect on concepts presented in the large class and apply them to their own lives. The emphasis will be on using social science approaches to design and implement effective, ethical, research-based programs that address environmental problems. Liberal Education Goal Area 10.

PSY 3210 Death and Culture (3 credits)
Death is a universal human experience shaped by the attitudes of any given culture. Examines death and dying in various cultural contexts and the accompanying psychological research into death attitudes and processes. Liberal Education Goal Area 8.

PSY 3237 Lifespan Development (4 credits)
A review of theories and research on the psychological, physical, and environmental factors influencing adjustment and development across the lifespan. Prerequisite: PSY 1100.

PSY 3332 Counseling and Crisis Interventions (4 credits)
A practical, skills-based introduction to the development of interpersonal awareness, beginning counseling techniques, and crisis intervention techniques. Prerequisites: PSY 1100 and PSY 2217.

PSY 3337 Group Processes (3 credits)
The examination and practical application of principles and dynamics underlying group behavior from a psychological perspective. Prerequisites: PSY 1100 and PSY 3401, or consent of instructor.

PSY 3367 Social Psychology (3 credits)
Survey of contemporary research in interpersonal perception and attraction, aggression and altruism, group dynamics, conformity, compliance, and attitude formation and change. Prerequisite: PSY 1100.

PSY 3378 Living in Isolated and Confined Environments (2 credits)
A study of the psychological factors involved in planning the environment and selecting the crew for long-duration manned space missions. Prerequisite: PSY 1100.

PSY 3387 Topics in Psychology (1-4 credits)
An in-depth study of topics of current interest in psychology. Prerequisite: PSY 1100.

PSY 3401 Basic Statistics for Research (4 credits)
Measures of central tendency, variability, and shape; t-tests; correlation; linear regression; chi-square tests; and one-way analysis of variance. Emphasis is on the use of appropriate statistical procedures for research using SPSS statistical software. Prerequisite: Completion of Liberal Education mathematics requirement (Category 4).

PSY 3402 Research Methods (4 credits)
Survey of research methods, concepts, issues, and strategies. Topics will include experimental and non-experimental methods; designing, conducting, and analyzing different types of studies; critiquing research; and writing research reports. Prerequisites: PSY 1100 and PSY 3401.

PSY 3437 Cognitive Psychology (3 credits)
Survey of models and research in cognition, including the topics of attention, memory, knowledge representation, language, problem solving, reasoning, and decision making. Prerequisite: PSY 1100.

PSY 3500 Psychology of Aging (4 credits)
This course examines adult development in the senior years from a biopsychosocial perspective. Aspects of normal and abnormal development are covered as well as the impact of aging on the individual and the family. Prerequisites: PSY 3237 or consent of instructor.

PSY 4328 Behavioral and Cognitive Intervention (4 credits)
Behavioral theory and the method of applied behavior analysis are explored. Therapeutic application of behavioral and cognitive/behavioral principles to human problems in various settings is practiced. Prerequisites: PSY 1100 and PSY 2227.

PSY 4347 Psychological Measurement (3 credits)
This course is designed to provide a basic understanding of psychometric theory and methods of psychological test construction, and to effect familiarity with established measures of personality, interests, intelligence, and academic achievement. Prerequisites: PSY 1100 and PSY 3401.

PSY 4403 Advanced Statistics and Research Design (4 credits)
Advanced statistics, focusing on factorial analysis of variance and multiple regression using SPSS, as well as associated research designs. Emphasis on logic, applications, and communication. Prerequisites: PSY 3401 and PSY 3402, or consent of instructor.

PSY 4408 Human Services Program Management (3 credits)
Theories and techniques of managing human service agencies including planning, administration, evaluation and grant writing. Prerequisites: PSY 1100, PSY 3401, PSY 3402, or consent of instructor.

PSY 4447 Research Laboratory (1-4 credits)
Supervised, original research in selected areas. May be repeated for credit. Prerequisites: PSY 1100, PSY 3401, and PSY 3402, or consent of instructor.

PSY 4450 Behavioral Neuroscience (4 credits)
A neurological study of behavior focusing on the neurons, neurotransmitters, neuronal circuits, and basic biology of the nervous system. The beginning of the course will focus on building an understanding of the structure and function of nerve cells, and neuro and hormonal chemical transmission within the nervous system. The rest of the course will focus on how these biological processes lead to normal and pathological behavior. Prerequisite(s): PSY 1100.

PSY 4459 Sensation and Perception (4 credits)
An in-depth introduction, including the topics of the nervous system, electrochemical and neurochemical bases of behavior, vision, audition, somatic and chemical senses, movement, emotion, and cognition. Prerequisites: PSY 1100, PSY 3401, and PSY 3402, or consent of instructor.

PSY 4467 Personality Theories (3 credits)
Introduction to major theories of personality and related research. Prerequisites: PSY 1100, PSY 2217, PSY 3401, and PSY 3402, or consent of instructor.

PSY 4487 History and Systems of Psychology (3 credits)
Contemporary issues and theories in psychology and their historical developments. Prerequisite: Senior standing in the major.

PSY 4587 Advanced Topics in Psychology (2-4 credits)
In-depth study of topics of current interest in psychology. Prerequisites: PSY 3401 and senior standing in the major.

PSY 4588 Multicultural Psychology (4 credits)
The purpose of this course is to examine cultural processes as a defining characteristic of what it is to be human, and as a central, or proximal variable in psychology. This course is intended to provide students with a better appreciation of the myriad of ways in which culture determines psyche and behavior, and to enhance their awareness of the countless variations in human behavior across cultures. In this course, we will examine the goals and nature of multicultural and cross-cultural psychology. In this course, we will consider current theories and research on culture, race, and ethnicity. Topics covered in the class range from culturally relevant styles of communication, values from different cultures, racial identity, power and privilege, and issues around health. This course will help prepare students to grapple with issues of multiculturalism in the modern diverse society. Prerequisite(s): PSY 3401 and senior standing in the major or consent of instructor.

PSY 4870 Pre-Internship Seminar (1 credit)
Selection of internship site and preparation for the internship experience. Prerequisite: Junior or senior standing in the psychology major.

PSY 4970 Psychology Senior Internship (6-12 credits)
Supervised community and campus internships in human service and research settings. Two hundred hours of internship work experience are required for 6 credits, four hundred hours for 12 credits. Prerequisites: PSY 4870, senior status, and completion of core courses for the psychology major and any elective courses related to the internship.

All-University Courses

The course numbers listed below, not always included in the semester class schedule, may be registered for by consent of the advisor, instructor, or department chair, or may be assigned by the department when warranted. Individual registration requires previous arrangement by the student and the completion of any required form or planning outline as well as any prerequisites.

1910, 2910, 3910, 4910 DIRECTED INDEPENDENT STUDY
1920, 2920, 3920, 4920 DIRECTED GROUP STUDY
1930, 2930, 3930, 4930 EXPERIMENTAL COURSE
1940, 2940, 3940, 4940 IN-SERVICE COURSE
1950, 2950, 3950, 4950 WORKSHOP, INSTITUTE, TOUR
1960, 2960, 3960, 4960 SPECIAL PURPOSE INSTRUCTION
1970, 2970, 3970, 4970 INTERNSHIP
1980, 2980, 3980, 4980 RESEARCH
1990, 2990, 3990, 4990 THESIS