Psychology

Department of Psychological Science

Psychology is the scientific study of behavior and cognitive processes. This includes how humans grow and develop as individuals and as members of groups, organizations, and society. Psychology students learn how to collect, analyze, and interpret data, while developing writing and presentation skills that are useful in a variety of professions. At the Missouri S&T Department of Psychological Science you will learn about the many diverse areas of psychology and have the flexibility to tailor your degree to fit your particular interests. The department offers a Bachelor of Arts and Bachelor of Science degree as well as certification from the State of Missouri to teach in secondary schools.

A degree in psychology fits many interests that include:
- Learning, cognitive psychology, or neuroscience
- Sensation and perception
- Social, developmental, abnormal, or personality psychology
- Clinical or counseling psychology
- Educational psychology or psychometrics
- Industrial or organizational psychology
- Human-computer interaction, human factors or ergonomics

Missouri S&T’s innovative psychology curriculum and a 10:1 ratio of students-to-faculty in the department allows psychology majors to benefit from personal attention and small classes. In addition, undergraduate students participate in research which often results in a student conference presentation but can also result in co-authorship with faculty at professional meetings or in refereed journal articles.

Student Organizations and Undergraduate Research

Psychology students at Missouri S&T have the opportunity to participate in undergraduate research through the Opportunities for Undergraduate Research Program or participate in faculty research projects. They may also enter in the annual Undergraduate Research Conference held each spring. Psychology majors and minors can join the Missouri S&T chapter of Psi Chi Society, a National Honor Society in Psychology.

Scholarship Information

Freshman scholarships are automatically awarded based on high school transcripts and ACT/SAT scores. No separate application is necessary. Scholarships for sophomores, juniors and seniors typically require an application and are based on academic record, service activities and extracurricular activities. Contact the department for more information.

Departmental Contact Information:
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psych@mst.edu
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Degree Options, Certificates, and Related Minors
Bachelor of Arts, Psychology
Bachelor of Science, Psychology
Bachelor of Arts, Psychology, Secondary Education
Bachelor of Science, Psychology, Secondary Education
Graduate Certificate, Psychology of Leadership
Graduate Certificate, Leadership in Engineering Organizations
Graduate Certificate, Psychometrics
Minor, General Psychology
Minor, Industrial/Organizational Psychology
Minor, Psychology of Leadership
Minor, Cognitive Neuroscience
Minor, Psychometrics
Minor, Multiculturalism and Diversity

Available Emphasis Areas:
- Human Resources/Personnel
- Human Services
- Cognitive Neuroscience
- Usability of Technology
- Psychology of Leadership

*These are areas in which a student may opt to develop an emphasis area; however, it is not required that students do so.

Employment and Graduate Studies

Over the past 10 years, 98% of Missouri S&T’s psychology graduates have attained their goal of employment, entry into a graduate or professional program, or both. Graduates have gone on to law school, medical school, graduate schools, and enjoyed successful careers in education and nonprofit organizations.

Entry-Level Job Titles
- Counselor Aide
- Behavior Analyst
- Case Worker
- Family Service Worker
- Veterans’ Advisor
- Employment Counselor
- Academic Advisor
- Advertising Trainee
- Public Relations
- College Admittance Counselor or Recruiter

Practica and Internship Availability

Opportunities are available for students to participate in human service or human resources practica or internships. These experiences provide students with the opportunity to integrate their classroom studies with learning through “real life” work experiences in a field related to their academic or career goals.
Faculty

Professors:
- Frances Haemmerlie, Ph.D., (Curators’ Teaching Professor), Florida State
- Nancy J. Stone, Ph.D., (Dept. Chair), Texas Tech University
- Robert L. Montgomery, Ph.D., Oklahoma State

Associate Professors:
- Don Sharpsteen, Ph.D., University of Denver

Assistant Professors:
- Amber Henslee, Ph.D., Auburn University
- Jacqueline Bichsel, Ph.D., University of Alabama
- Merilee Krueger, M.A., University of Nebraska, Omaha

Lecturers:
- Eugene Gianladis, Ph.D., St. Louis University

Notes
Detailed information on course equivalencies, acceptable credits for elective coursework, grade requirements and prerequisites is available from Missouri S&T’s Registrar’s Office at http://registrar.mst.edu.

Bachelor of Science, Psychology...........124 credit hours

General B.S. Core Requirements Credit
English .......................................................................................... 6
(English)
Math and Science ................................................................. 23
(Biological Science, Statistics, Math, Chemistry
Physics, Computer Science, Geology)
Humanities and Fine Arts...................................................... 12
(Foreign Languages, Fine Arts, Literature, Philosophy)
Social Sciences............................................................ 12
(History, Political Science, Economics)
**Elective Credits/Minor Requirements ............... varies

Required Psychology Courses for B.S. degree:........34
Psych 1100-Intro to Psych .................................................. 1
Psych 1101-General Psych ................................................. 3
Psych 2200-Research Methods ........................................ 3
Psych Area Requirements .................................................. 9
(selected from coursework in Sensation & Perception,
Theories of Learning, Developmental Psych, Abnormal
Psychology, Social Psych, Cognitive Psych, Personality,
or Neuroscience)
Psych Area Requirements .................................................. 9
(selected from coursework in Educational Psych,
Adolescent Psych, Industrial Psych, Human Factors,
Human- Computer Interaction, Clinical Psych, Group
Dynamics, or Organizational Psych)
Psych Capstone .................................................................. 3
Psych Electives ................................................................. 6
**minor requirements and elective courses required
until student reaches a total of: 124 credit hours

Bachelor of Arts, Psychology............. 120 credit hours

General B.A. Core Requirements Credit
English .......................................................................................... 6
History .......................................................................................... 6
Math and Science ................................................................. 12
(Geology, Physics, Chemistry, Biological Sciences,
Statistics)
Foreign Language ............................................................... 11-16
Social Sciences ................................................................. 15
(History, Political Science, Economics)
Humanities ................................................................. 12
(Fine Arts, Philosophy, and Literature)
**Elective Credits/Minor Requirements ............... varies

Required Psychology Courses for B.A. Degree...........34
(same as the Required Psychology Courses for B.S. Degree)
**minor requirements and elective courses required
until student reaches a total of: 120 credit hours

Bachelor of Arts, Psychology, w/ Teacher Certification........... 127 credit hours

General Education
Communication skills .......................................................... 9
(English, Speech)
Math and Natural Science .................................................. 13
(Geology, Physics, Chemistry, Biological Sciences,
Mathematics, Statistics)
Social Sciences ................................................................. 18
(History, Psychology, Political Science, Geography,
Economics)
Humanities ................................................................. 12
(Art, Music, Theater, Philosophy, Literature) ............... 52

Psychology Degree Requirements............... 16

Professional Requirements
Educ 1040-Perspectives in Education .................................. 2
Educ 1174-School Org and Admin for Elem/Sec Teachers .... 2
Educ 2251-Historical Found of Amer Educ ......................... 3
Educ 2216-Teaching Reading in Content Area .................. 3
Educ 3280-Teaching Methods and Skills in Content Area .... 6
Educ 4298-Student Teaching Seminar.............................. 1
Psych 2300-Educational Psychology .................................. 3
Psych 3311-Psychological and Ed Devel of Adolescent ....... 3
Psych 4310-Psychology of Exceptional Child..................... 3
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Clinical Experience
Educ 4299-Student Teaching .............................................. 12
Educ 1104-Teacher Field Experience ............................... 2
Educ 1164-Aiding Elem, Mid & Sec Schools ......... 16

Certification .................................................. 17
(History)

Bachelor of Sciences, Psychology, w/ Teacher Certification ............................... 134 credit hours

Same as Bachelor of Arts with Teaching Certification except:
Math and Natural Sciences ........................................... 21
(Computer Science, Geology, Physics, Biological Sciences,
Mathematics and Statistics)