

# 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:

136 HSS Building  
psych.mst.edu  
Department Chair: Dr. Nancy Stone

1.573.341.4937  
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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 in careers in business, 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**

<b>General B.S. Core Requirements</b>	<b>Credit</b>
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 .....	<u>varies</u>

**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**

<b>General B.A. Core Requirements</b>	<b>Credit</b>
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 .....	<u>varies</u>

**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**

<b>General Education</b>	
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)	
	<b>52</b>
<b>Psychology Degree Requirements.....</b>	<b>16</b>

**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.....	<u>3</u>
	<b>26</b>

**Clinical Experience**

Educ 4299-Student Teaching.....	12
Educ 1104-Teacher Field Experience .....	2
Educ 1164-Aiding Elem, Mid & Sec Schools .....	<u>2</u>
	<b>16</b>

**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)