



Psychology BS/Education

Psychology Program

Psychology is the science of mind and behavior. Neuroscience, perception, memory, personality, emotion, stress and health, abnormal behavior, and social relations are among the basic topics of psychological research. The discipline also involves the application of basic research to improve the quality of life and work. Clinical-practice, school teaching or counseling, teamwork and leadership in organizations, and ergonomics in industry are among the many areas of applied psychology.

The statistics and experimental psychology courses required of our majors prepare you to engage in undergraduate research in your junior or senior years. By collaborating with a faculty member on a research project, you will gain valuable experience for subsequent graduate studies in psychology and related fields or for employment.

The department offers a choice of two degrees for majors. The Bachelor of Science degree provides a solid foundation in mathematics, biological sciences, physical sciences, and computer science. The Bachelor of Arts degree provides a broad liberal arts foundation. Supporting courses in the humanities and social sciences are offered in both degrees and the psychology requirements are the same in both.

The study of psychology is good preparation for many professions. Many employers are interested in the skills that psychology majors bring to collecting, analyzing, and interpreting data. Employers also find that psychology graduates possess strong people skills and psychology majors value these skills themselves.

Departmental Contact

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Teacher Education Program

The Teacher Education Program is a structured education strategy integrating classroom studies with learning through productive work experiences in a field related to a student's academic and career goals. It provides progressive experiences in integration theory and practice.

If you are interested in teaching Psychology you may enter the Teacher Education Program. The purpose of the program is to satisfy the continuing need for well-qualified teachers in schools in Missouri and across the nation.

You may earn a Bachelor of Science (BS) Degree in Psychology from Missouri S&T and complete requirements for certification to teach at the K-12 level in Missouri's public schools. Many surrounding states have cooperative teacher certification agreements with Missouri. In most other states you will be able to obtain a temporary certificate which will allow you to teach in that state until you complete the requirements particular to that state. All of the course work required in this program is available on the Missouri S&T campus and student teaching is arranged with Rolla area public schools within 30 miles of campus.

To qualify for certification, you must score at least 22 on the ACT, 265 C-BASE. PRAXIS (by taking the test number(s) appropriate to your desired level of certification, K-12), and maintain at least a 2.5 GPA. You also must submit a portfolio, complete a background check and fingerprinting and complete the courses listed on the back of this flyer.

Departmental Contact

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Curriculum

General Education: (60hrs)

Communication Skills.....9
English 20-Exposition and Argumentation.....3
English 60-Writing & Research.....3
Speech 85-Principles of Speech.....3

Humanities (at least 1 course from each of the first 3 areas).....12
Art 80, Music 50, or Theatre.....3
Literature.....3
Philosophy.....3
Foreign Language.....3
Etymology 306.....3

Social Science.....18
Hist. 175 or 176-American History.....3
Geography.....3
Pol. Sci. 90-American Government.....3
Psych 50-General Psychology.....3
Political Science 316.....3
Economics 121 or 122.....3

Natural Science/ Mathematics.....21
Phys Science.....3,4
Biology 110-General Biology.....3
Math 2 or 4 or higher-College Algebra.....3
Statistics 115.....3
Comp. Sci. 53,73, or 77.....3
Math & Science (more).....5

Degree.....16
Psych 140-Experimental Psychology.....4
Psych 240-Theories of Learning.....3
Psych 250-Developmental.....3
Psych 362 or 360-Abnormal or Personality.....3
Psych 308-Social Psychology.....3

Professional Requirements: (26 hrs)

Educ. 40-Perspective in Education.....2
Educ. 174-School Organization & Admin for Elementary and Secondary Teachers.....2
Educ. 216-Teaching Reading in Content Area.....3
Educ. 251-Historical Foundations of Amer. Educ ...3
Educ 280-Teaching Methods and Skills in Content Area.....6
Education 298-Student Teaching Seminar.....1
Psych 155-Educational Psychology.....3
Psych 208-Psychology & Educational Development of the Adolescent.....3
Psych 354-Psychology of the Exceptional Child.....3

Clinical Experience.....16
Educ. 104-Teacher Field Experience..... 2
Educ. 164-Aiding Elementary, Middle, and Secondary Schools.....2
Educ. 299-Student Teaching.....12

Certification.....17
Am History.....9
World History.....8

Total: 135 hours

Title II Report 2006-2007

The federal government this year required we report our Title II results for the 2006-2007 year. The report was submitted in April 2008. Missouri University of Science and Technology has a 100% passing rate on the PRAXIS for our completers. The state percent was 98%. A completer is one who has fulfilled all institutions guidelines to be recommended to the state for his/her teaching certificate. We have 100% of the completers teaching with 82% teaching in Missouri.