Psychology BA/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.

Teacher Education Program
The Teacher Education Program (TEP) is a structured education strategy integrating classroom studies with learning through field experiences related to a student’s academic or career goals. It provides progressive opportunities to incorporate theory and practice.

A student interested in teaching psychology may begin taking coursework toward teacher certification as early as one’s freshman year. A student may earn a bachelor’s degree with a major in psychology from Missouri S&T and secondary teaching certification (grades 9 – 12) in Missouri. All of the course work required in this program is available on the Missouri S&T campus. In addition, the student teaching semester and clinical experiences are arranged with area public, or accredited private, schools.

Many surrounding states have cooperating agreements with Missouri with respect to certification requirements. Some states allow teachers to obtain a temporary certificate which allows them to teach until the requirements of that particular state are completed.

The purpose of the TEP is to develop teachers as decision makers and reflective thinkers while helping satisfy the continuing need for well-qualified teachers in Missouri schools and across the nation.

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Curriculum

General Education: (52-54)

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

Humanities.............................................12
  Art 80, Music 50, or Theatre 90....................3
  Eng-Literature.......................................3
  Philosophy...........................................3
  Humanities Elective (classes listed in catalog)....3

Social Science..........................................18
  Hist. 175 or 176-American History................3
  Pol. Sci. 90-American Government...................3
  Psych 50-General Psychology.......................3
  Political Science 237, 250, 290, 315 or 316......3
  Economics 121 or 122................................3
  History 110-World Regional Geography............3

Natural Science/ Mathematics.......................13-15
  Physical Science....................................3
    Physics 6-Environmental Physics I
    Physics 9-Introductory Astronomy
    Geology 51-Physical & Environmental
    Geology 52-Evolution of the Earth
    Chemistry 1-General Chemistry
  Biology 110-General Biology.......................3
  1 lab with any of the above science classes.......1
  Math....................................................3-5
    Math 2-College Algebra (5 credit hours)
    Math 3-Fundamentals of Algebra(3 credit hrs)
    Math 4-College Algebra (3 credit hours)
  Statistics 115......................................3

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

Professional Requirements: (26 hrs)

  Educ. 40-Perspectives 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
  Areas................................................6
  Education 298-Student Teaching Seminar..........1
  Psych 155/Educ. 102-Educational Psychology........3
  Psych 208-Psyc. & Ed. Dev. of the Adolescent.....3
  Psych 354/Educ. 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: 127-129 hours

Revised 5/5/2011