

Additional information may be obtained from:

UM-St. Louis Admissions Office  
One University Boulevard  
St. Louis, Missouri 63121-4400  
(314) 516-5451  
<http://www.umsl.edu/>



University of Missouri-St. Louis

# Secondary Education

## Career Outlook

Secondary school teaching positions are more plentiful than in the recent past. Teachers of mathematics and the sciences are in extremely high demand. The fields of humanities and social sciences have somewhat better immediate prospects than in the past.

People with preparation in secondary education, educational technology, adult education, and educational administration find positions in education/training units in businesses, industries, health care organizations, governmental units, community agencies, and service institutions.

School administration opportunities are available to qualified individuals, particularly those who have completed advanced graduate programs. Experience in secondary school teaching is required in most cases. Community education is an expanding field and will need increasing numbers of people with preparation in that specialty.

## Undergraduate Studies

The secondary education degree program is housed in the Teaching and Learning Division of the College of Education, 369 Marillac Hall. Questions about degree and teacher certification requirements should be directed to the Office of Undergraduate Teacher Education Services, 155 Marillac, 516-5937.

The division coordinates programs that prepare students for teaching these subjects in secondary schools (grades 9–12): biology, chemistry, English, French, German, mathematics, music, physics, social studies, speech (post degree only), and Spanish. A special feature of these programs is the close interdisciplinary cooperation between the professional school and other University departments.

Students may choose to pursue the bachelor's degree in the College of Arts and Sciences plus certification, or the bachelor of science in education degree (B.S.Ed.) which includes Missouri certification.

At the graduate level, the division provides a program leading to the M.Ed. in secondary education, secondary education with emphasis in adult education, certification studies with Adult Basic Education, secondary education with emphasis in reading, and secondary education and certification.

Work in educational technology and adult education is also available.

## Degree Requirements

### Bachelor of Science in Secondary Education

#### General Education Requirements

Bachelor's degree candidates in secondary education must complete the University General Education Requirements and must meet the Missouri secondary teacher certification general education standards as follows:

#### Humanities

Three courses required from two of the following fields: music appreciation (excluding applied music), art appreciation, philosophy and literature.

#### English and Communication Skills

English 1100, Freshman Composition  
English 3100, Advanced Expository Writing  
Comm 1040, Public Speaking

#### Social Studies

History 1001 or 1002, American History  
Pol Sci 1100, American Politics  
Psych 1003, General Psychology

#### Science

One course in a physical or earth science; one course in a biological science. At least one of these courses must have a laboratory component.

#### Mathematics

Math 1020 or 1030, Contemporary Math or College Algebra

**Note:** All of the courses above must be a minimum of two semester hours.

## Program Requirements

### Level I - Exploring Education as a Profession

Tch Ed 2210, Introduction to Teaching  
Tch Ed 2211, Introduction to American Schools  
Tch Ed 2212, Introduction to Learners & Learning

### Level II - Analyzing the Nature and Processes of Education

Must be admitted to the Teacher Education Program to enroll in the following courses:

Tch Ed 3310, Introduction to Instructional Methods  
Tch Ed 3312, The Psychology of Teaching & Learning  
Tch Ed 3313, Introduction to Learners with Disabilities & Inclusive Education  
Sec/Tch Ed 4391, Teaching Reading in the Secondary Content Area

### ***Level III - Synthesizing Theory and Practice in Education***

Entrance into Level III is based on successful completion of all course work in Levels I and II, as well as any prerequisite courses required by advanced methods courses.

Sec Ed Curriculum & Methods of Teaching (specific subject area) and Sec Ed 3289, Internship  
Sec Ed 3290, Internship  
Sec Ed 3291, Student Teaching  
Sec Ed Student Teaching Seminar

**ATTENTION EDUCATION MAJORS:** Professional education courses must be completed with a grade point average of 2.50 and no grade lower than a C (2.0). The Praxis exam must be passed before students can graduate or become certified.

**Note:** Music education students take the following courses instead of SEC ED 3290: SEC ED 3293, Student Teaching in Music Education K–6, and SEC ED 3294, Student Teaching in Music Education 7–12. These two courses must be taken during the same semester.

#### **Area of Concentration: Teaching Fields**

Degree candidates must complete 30 to 50 hours of specific subject requirements in one of the following fields: English, foreign language (French, German, Spanish), mathematics, music, science (biology, chemistry, physics), or social studies education.

Social studies students must complete a major in one of the following disciplines: anthropology (B.A. only at UM-St. Louis), economics, geography (not available at UM-St. Louis), history, political science, psychology, or sociology; and meet these minimum social science requirements: American history, 12 hours; European or world history, 9 hours; United States and/or state government, 6 hours; economics, 3 hours; behavioral science (sociology, anthropology, or psychology), 6 hours; geography, 3 hours; and 2 hours of elective social studies credit.

**Total: 120 hours**

### ***Graduate Studies***

#### **Degrees and Areas of Emphasis**

M.Ed. programs are offered in counseling, educational administration, elementary education, secondary education, special education, and adult & higher education. Within the counseling program are the emphasis areas of elementary, secondary school counseling, and community counseling. Within the Educational Administration program are the emphasis areas of elementary administration, secondary administration, and community education. Within the Elementary Education program is the general emphasis area, reading, and early childhood education. Within the Secondary Education program are the general emphasis area, curriculum and instruction, reading, and middle school education. Within the Special Education program are the general emphasis area, and early childhood special education. Within the Adult and Higher Education program are the adult education and the higher education emphases.

Ed.S. Programs are available in educational administration and in school psychology. Programs leading to the Ed.D. Degree are offered in counseling education, teaching-learning processes, adult & higher education, and educational administration. Programs lead-

ing to the Ph.D. in Education Degree are offered in counseling, teaching-learning processes, educational psychology and research methods, and educational leadership and policy studies.

#### **Additional information may be obtained from:**

UM-St. Louis Admissions Office  
One University Boulevard  
St. Louis, Missouri 63121-4400  
(314) 516-5451  
*Toll-free in MO and IL 618 area code:*  
*1-888-GO-2-UMSL*  
Career Services: (314) 516-5111  
Office of Teacher Education: (314) 516-5937  
<http://www.umsl.edu/>