

Curriculum of the Program:

Southeast Missouri State University's Program in Biology Education

University Studies Requirements

A list of the required courses can be found in the Undergraduate Bulletin, the Department's website and on advising sheets.

Students in the secondary education program must take their University Studies courses as specified below. Taking any courses to satisfy a University Studies category other than as listed below will not satisfy teacher education requirements and may result in a denial of admission or graduation problem. Courses marked with an asterisk meet the State requirements for general education.

3 hours each

First Year Intro:	UI100
Artistic Expression:	Any Course in Artistic Expression
Literary Expression:	Any Course in Literary Expression
Oral Expression:	SC105 Fundamentals of Oral Comm.+
Written Expression:	*EN100 English Composition *EN140 Rhetoric and Critical Thinking +
Behavioral Systems:	PY222 Development of the Adolescent
Living Systems:	BI/BS Course in Living Systems <i>as specified</i>
Logical Systems:	As specified below
Physical Systems:	As specified below
Economic Systems:	Any in Economic System
Political Systems:	*PS103
Social Systems:	SE275 Diversity in America's Schools (Part of Block II)
Development of . Major Civilization	*US105 American Hist. I or US107 American Hist. II

* Courses marked with * meet the State General Requirements

Upper Level University Studies Courses

300/400 University Studies Courses: 9 hours, may be specified by your major

Professional Education Requirements

(Courses within each block must be taken concurrently.) 44 hours

Block I: 7 hours

ED251 Introduction to MSE Technology (2)
ED250 Introduction to MSE Teaching (2)
PY222 Development of the Adolescent (3)#

7 hrs.

Prerequisite to Block II: Admission to the Teacher Education Program

Block II: 14 hours

EF304 School and Society (2)
SE305 Block II Field Experience (2)
SE306 Theories of Learning and Management (2)
SE307 Teaching Reading in Secondary School (2)
SE308 Fundamentals of High School Education (3)
SE275 Diversity in America's Schools (3)#

14 hrs.

Required Course: EX390 Psych. & Education of the Exceptional Child (3) Must be completed before student teaching.

Block III: 7 hours

SE300 Technology to Enhance Learning (2)
SE320 Techniques of Teaching Science (3)
SE370 Block III Field Experience (2)

7 hrs.

Block IV: 13 hours

SE463 Student Teaching Secondary (1st) (6)
SE464 Student Teaching Secondary (2nd) (6)
EF400 Seminar in Ed. Issues for Student Teachers (1)

13 hrs

*All professional education courses must be completed with a minimum grade of C
may be taken after other Block II courses, is a university studies course

Course List: BS Ed Biology Education, Categorical Biology option

BI 151 Biological Reasoning	(3)
BI 152 Introduction to Scientific Investigation	(1)
BI 153 Intro to Organismal Biology	(4)
BI 154 Genetics and Cell Biology	(4)
BI 200 General Microbiology	(3)
BI 489 Analysis of Biological Issues	(2)
Biology Electives 300 level or higher	(6)
BS 105 Environmental Science or BI 332 General Ecology	(3)
BS 113 Anatomy & Physiology I AND BS 114 Anatomy & Physiology II OR Approved additional Biology electives	(8) or (6)
PH-106 Physical Concepts (3) (or PH 120 (5)and PH 121(5))	(3 or 10)
CH181 Principles of Chemistry (5) (or CH 185 General Chemistry I(5) and CH 186 General Chemistry II(3))	(5 or 8)
Choose one of the following GO-110 Physical Geology (3) GO-220 Meteorology (3) GO-320 Oceanography (3) UI-318 Earth Sci: A Process Approach (3)	(3)
MA 133 Plane Trigonometry AND MA 134 College Algebra	(2) (3)
UI 422 Scientific Reasoning	(3)