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
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 ArtisticExpression
Literary Expression: Any Course in Literary Expression
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 *as specified
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
## Course List, BS Ed Biology – Unified Science Option

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 151</td>
<td>Biological Reasoning</td>
<td>(3)</td>
</tr>
<tr>
<td>BI 152</td>
<td>Introduction to Scientific Investigation</td>
<td>(1)</td>
</tr>
<tr>
<td>BI 153</td>
<td>Intro to Organismal Biology</td>
<td>(4)</td>
</tr>
<tr>
<td>BI 154</td>
<td>Genetics and Cell Biology</td>
<td>(4)</td>
</tr>
<tr>
<td>BI 200</td>
<td>General Microbiology</td>
<td>(3)</td>
</tr>
<tr>
<td>BI 332</td>
<td>General Ecology</td>
<td>(3)</td>
</tr>
<tr>
<td>BI 489</td>
<td>Analysis of Biological Issues</td>
<td>(2)</td>
</tr>
<tr>
<td></td>
<td>Biology Electives 300 level or higher</td>
<td>(6)</td>
</tr>
<tr>
<td>BS 113</td>
<td>Anatomy and Physiology I</td>
<td>(4)</td>
</tr>
<tr>
<td>BS 114</td>
<td>Anatomy and Physiology II</td>
<td>(4)</td>
</tr>
<tr>
<td>PH 120</td>
<td>Introductory Physics I</td>
<td>(5)</td>
</tr>
<tr>
<td>PH 121</td>
<td>Introductory Physics II</td>
<td>(5)</td>
</tr>
<tr>
<td>CH 185</td>
<td>General Chemistry I</td>
<td>(5)</td>
</tr>
<tr>
<td>CH 186</td>
<td>General Chemistry II</td>
<td>(3)</td>
</tr>
<tr>
<td>GO 110</td>
<td>Physical Geology</td>
<td>(3)</td>
</tr>
<tr>
<td>GO 220</td>
<td>Meteorology</td>
<td>(3)</td>
</tr>
<tr>
<td>GO 320</td>
<td>Oceanography</td>
<td>(3)</td>
</tr>
<tr>
<td>MA 133</td>
<td>Plane Trigonometry</td>
<td>(2)</td>
</tr>
<tr>
<td>AND MA 134</td>
<td>College Algebra</td>
<td>(3)</td>
</tr>
<tr>
<td>UI 422</td>
<td>Scientific Reasoning</td>
<td>(3)</td>
</tr>
</tbody>
</table>