

**Southern Illinois University Edwardsville**  
**BACHELOR OF SCIENCE - BIOLOGICAL SCIENCES: ECOLOGY, EVOLUTION, AND ENVIRONMENT**

This guide provides only a suggested course of study and should be used in consultation with an adviser and the SIUE Undergraduate Catalog available online at [www.siu.edu/registrar/](http://www.siu.edu/registrar/).

YEAR	FALL	SPRING
1	CHEM 121a General Chemistry I (Intro NSM) 4 CHEM 125a General Chemistry Lab I 1 CMIS 108 or CS 108 Computer Concepts 3 ENG 101 English Composition I 3 MATH 125 Pre-Calculus Math (Intro NSM) 3 <hr/> 14	BIOL 120 Animal Systems 4 CHEM 121b General Chemistry II (Dist NSM) 4 CHEM 125b General Chemistry Lab II 1 ENG 102 English Composition II 3 PHIL 106 Critical Thinking or MATH 106 Deductive Reasoning 3 <hr/> 15
2	BIOL 121 Plant Systems 4 CHEM 241a Organic Chemistry I 3 STAT 244 Statistics 4 Intro Fine Arts & Humanities 3 Intro Social Sciences 3 <hr/> 17	BIOL 220 Genetics 4 CHEM 241b Organic Chemistry II 3 CHEM 245 Organic Chemistry Lab 2 SPC 103, 104, or 105 Speech Communication 3 Intro Fine Arts & Hum or Intro Soc Sci 3 <hr/> 15
3	BIOL 319 Cell & Molecular Biology 4 BIOL 365 Ecology 4 PHYS 131a College Physics I* 5 Dist Fine Arts & Humanities 3 <hr/> 16	BIOL 327 Evolution 3 BIOL 300-400 level 4 PHYS 131b College Physics II* 5 Dist Social Sciences 3 <hr/> 15
4	BIOL 492a Senior Assessment 1 BIOL ELECTIVE 400 level+ 4 Interdisciplinary Studies (IS) 3 Intergroup Relations (IGR)** 3 International Issues/Culture (II/IC)** 3 ELECTIVE 3 <hr/> 17	BIOL 492b Senior Assessment 1 BIOL ELECTIVE 400 level+ 4 ELECTIVE 3 ELECTIVE 3 ELECTIVE 4 <hr/> 15

\* MATH 150 and PHYS 111 *or* PHYS 151/151L and PHYS 152/152L may be substituted for PHYS 131a,b. PHYS 151/151L, University Physics I, has a prerequisite or corequisite of MATH 152, Calculus II.

\*\* Courses that fulfill this requirement may satisfy another General Education requirement. Refer to the SIUE Undergraduate Catalog for a list of approved courses.

+ 400-level electives must include one field course.

**Declaring An Ecology, Evolution, and Environment Major:** To declare a major in Ecology, Evolution, and Environment, it is necessary to have:

1. Completed all Academic Development courses required by the University;
2. Completed any required courses to address high school deficiencies;
3. A minimum grade point average of 2.0 in science and mathematics courses completed as well as a cumulative grade average of at least 2.0 or higher (on a 4.0 scale) in all courses taken at SIUE;

**Note: In order to declare, transfer students are required to have a 2.0 GPA in science and math courses taken at other institutions.**

For further information, contact the Biological Sciences Department, SL 3300, 650-3927.