

**Southern Illinois University Edwardsville**  
**BACHELOR OF ARTS - 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<br>CHEM 125a General Chemistry Lab I 1<br>ENG 101 English Composition I 3<br>Foreign Language 101 4<br>MATH 125 Pre-Calculus Math (Intro NSM) 3<br><hr style="width: 100%;"/> 15 | BIOL 120 Animal Systems 4<br>CHEM 121b General Chemistry II (Dist NSM) 4<br>CHEM 125b General Chemistry Lab II 1<br>ENG 102 English Composition II 3<br>Foreign Language 102 (IC) 4<br><hr style="width: 100%;"/> 16 |
| 2    | BIOL 121 Plant Systems 4<br>CHEM 241a Organic Chemistry I 3<br>CMIS 108 or CS 108 Computer Concepts 3<br>STAT 244 Statistics 4<br>Intro Fine Arts & Humanities 3<br><hr style="width: 100%;"/> 17                            | BIOL 220 Genetics 4<br>CHEM 241b Organic Chemistry II 3<br>CHEM 245 Organic Chemistry Lab 2<br>Intro Fine Arts & Hum or Intro Soc Sci 3<br>Intro Social Sciences 3<br><hr style="width: 100%;"/> 15                  |
| 3    | BIOL 319 Cell & Molecular Biology 4<br>BIOL 365 Ecology 4<br>BIOL ELECTIVE 300-400 level 3<br>PHYS 131a College Physics I* 5<br><hr style="width: 100%;"/> 16  | BIOL 327 Evolution 3<br>PHYS 131b College Physics II* 5<br>Dist Fine Arts & Humanities 3<br>Dist Social Sciences 3<br>Intergroup Relations (IGR)** 3<br><hr style="width: 100%;"/> 17                                |
| 4    | BIOL 492a Senior Assessment 1<br>BIOL ELECTIVE 400 level+ 4<br>Interdisciplinary Studies (IS) 3<br>ELECTIVE 3<br>ELECTIVE 3<br><hr style="width: 100%;"/> 14   | BIOL 492b Senior Assessment 1<br>BIOL ELECTIVE 400 level+ 4<br>ELECTIVE 3<br>ELECTIVE 3<br>ELECTIVE 3<br><hr style="width: 100%;"/> 14   |

\* 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.