

**Southern Illinois University Edwardsville**  
**BACHELOR OF ARTS - BIOLOGICAL SCIENCES: MEDICAL SCIENCES**

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 ENG 101 English Composition I                              3 MATH 150 Calculus I (Intro NSM)                              5 Intro Fine Arts & Humanities                              3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 16	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 STAT 244 Statistics                              4 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 16
2	BIOL 121 Plant Systems                              4 CHEM 241a Organic Chemistry I                              3 Foreign Language 101                              4 Intro Social Sciences                              3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 14	BIOL 220 Genetics                              4 CHEM 241b Organic Chemistry II                              3 CHEM 245 Organic Chemistry Lab                              2 Foreign Language 102 (IC)                              4 Intro Fine Arts & Hum or Intro Soc Sci                              3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 16
3	BIOL 319 Cell & Molecular Biology                              4 PHYS 131a <i>or</i> PHYS 151/151L+                              5 ELECTIVE                              3 ELECTIVE                              3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 15	BIOL 340 Physiology                              4 BIOL ELECTIVE (300-400 level)                              4 PHYS 131b <i>or</i> PHYS 152/152L+                              5 Dist Fine Arts & Humanities                              3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 16
4	CHEM 451a Biochemistry I                              3 Interdisciplinary Studies (IS)                              3 Intergroup Relations (IGR)*                              3 Dist Social Sciences                              3 ELECTIVE                              4 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 16	BIOL 497 Senior Assignment                              2 BIOL ELECTIVE (400 level)                              4 CHEM 451b Biochemistry II                              3 ELECTIVE                              3 ELECTIVE                              3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 15

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

+ PHYS 151/151L, University Physics I, has a prerequisite or corequisite of MATH 152, Calculus II.

For additional information about planning for a health profession or medical program, please see the Health Professions website at [www.siu.edu/BIOLOGY/hlthprof.htm](http://www.siu.edu/BIOLOGY/hlthprof.htm).

**Declaring a Medical Sciences Major:** To declare a major in Medical Sciences, 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 cumulative grade point average of 2.0 in science and mathematics courses completed as well as a cumulative grade point 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 Biology Department, SL 3300, 650-3927.