

Southern Illinois University Edwardsville
BACHELOR OF SCIENCE - 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/.

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 SPC 103, 104 or 105 Speech Communication 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 PHIL 106 Critical Thinking or MATH 106 Deductive Reasoning 3 Intro Social Sciences 3 Intro Fine Arts & Humanities 3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 16	BIOL 220 Genetics 4 CHEM 241b Organic Chemistry II 3 CHEM 245 Organic Chemistry Lab 2 Dist Fine Arts & Humanities 3 Intro Fine Arts & Hum or Intro Soc Sciences 3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 15
3	BIOL 319 Cell & Molecular Biology 4 PHYS 131a or PHYS 151/151L+ 5 Intergroup Relations (IGR)* 3 ELECTIVE 3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 15	BIOL 340 Physiology 4 BIOL ELECTIVE (300-400 level) 4 Dist Social Sciences 3 PHYS 131b or PHYS 152/152L+ 5 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 16
4	BIOL ELECTIVE (400 level) 4 CHEM 451a Biochemistry I 3 Interdisciplinary Studies (IS) 3 ELECTIVE 3 ELECTIVE 3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 16	BIOL 497 Senior Assessment 2 CHEM 451b Biochemistry II 3 Internat'l Issues/Internat'l Culture (II/IC)* 3 ELECTIVE 3 ELECTIVE 3 <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 14

* 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.

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 3331, 650-3927.