

Southern Illinois University Edwardsville
BACHELOR OF SCIENCE - BIOLOGICAL SCIENCES: MEDICAL TECHNOLOGY

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	ENG 101 English Composition I 3 CHEM 121a General Chemistry I (Intro NSM) 4 CHEM 125a General Chemistry Lab I 1 MATH 125 Pre-Calc Math (Intro NSM)^ 3 International Issues/Culture (II/IC)+ 3 <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 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 style="width: 20%; margin-left: auto; margin-right: 0;"/> 15
2	BIOL 121 Plant Systems 4 CHEM 241a Organic Chemistry I 3 PHYS 111 Concepts of Physics 3 SPC 103 Interpersonal Communication (IGR) 3 STAT 107 Concepts of Statistics or STAT 244 Statistics 3-4 <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 16-17	BIOL 220 Genetics 4 CHEM 241b Organic Chemistry II 3 CHEM 245 Organic Chemistry Lab 2 Intro Fine Arts & Humanities 3 Intro Social Sciences 3 <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 15
3	BIOL 319 Cell & Molecular Biology 4 BIOL 335 Intro to Immunology 3 CHEM 351 Biochemistry 3 Intro Fine Arts & Hum or Intro Soc Sciences 3 <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 13	BIOL 340 Physiology 4 BIOL 350 Microbiology 4 Dist Fine Arts & Humanities 3 Dist Social Sciences 3 Interdisciplinary Studies (IS) 3 <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 17
4	HOSPITAL CLINICAL EDUCATION 18	HOSPITAL CLINICAL EDUCATION 18

- ^ Students with transfer or previous credit for MATH 120, College Algebra, do not have to complete MATH 125, Pre-Calculus Mathematics with Trigonometry. In order to be eligible to take CHEM 121a, General Chemistry I, students must have completed MATH 120 with a C or better or begin in MATH 125.
- + Course taken to fulfill this requirement may meet another General Education requirement. Refer to the SIUE Undergraduate Catalog of a list of approved courses.

The Biology Department, in conjunction with affiliated hospitals, offers a one year (12 month) clinical experience to selected students. The students receive 36 hours of biology credit. The hospital clinical year is required for any student who wishes to become accredited by the American Society of Clinical Pathologists.

Declaring a Medical Technology Major: To apply for a major in Medical Technology, 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 Biological Sciences Department, SL 3300, 650-3927.