

Southern Illinois University Edwardsville
BACHELOR OF ARTS - CHEMISTRY: MEDICAL SCIENCE
Restructured 1993 General Education Curriculum Guide
For Students Reentering or Matriculating in or after Spring 1999

YEAR	FALL	SPRING	
1	CHEM 121a General Chemistry CHEM 125a General Chemistry Laboratory ENG 101 Composition MATH 150 Calculus I Intro Fine Arts & Humanities	4 CHEM 121b General Chemistry 1 CHEM 125b General Chemistry Laboratory 3 BIOL 120 Animal Systems (Intro NSM) 5 ENG 102 Composition 3 MATH 152 Calculus II	4 1 4 3 5
	16	17	
2	CHEM 241a Organic Chemistry PHYS 211a Univ Physics & PHYS 212a Univ Phys Lab <i>or</i> PHYS 206a (Intro NSM) Intro Fine Arts & Hum <i>or</i> Intro Soc Sci CS 140 <i>or</i> STAT 107, 244, 380, or 480	3 CHEM 241b Organic Chemistry CHEM 245 Organic Chemistry Lab 5 PHYS 211b Univ Physics & PHYS 212b 3 Univ Physics Lab <i>or</i> PHYS 206b (Dist NSM) 3-4 Dist Fine Arts & Humanities Intro Social Sciences	3 2 5 5 3 3
	14-15	16	
3	CHEM 331 Quantitative Analytical Chem CHEM 335 Analysis Chemistry Laboratory CHEM 361a Physical Chemistry CHEM 365a Physical Chemistry Laboratory FOREIGN LANGUAGE 101 Interdisciplinary Studies (IS)	3 CHEM ELECTIVE+ 1 FOREIGN LANGUAGE 102 (IC) 3 Dist Social Sciences 2 BIOL ELECTIVE# 4 ELECTIVE 3	3 4 3 3 3 3
	16	16	
4	CHEM 451a Biochemistry or BIOL 430a Biochemistry and Molecular Biology Intergroup Relations (IGR)* BIOL ELECTIVE# ELECTIVE## ELECTIVE	CHEM 451b Biochemistry or BIOL 430b Biochemistry and Molecular Biology 3 CHEM 499 Senior Assignment 3 CHEM ELECTIVE++ 3 ELECTIVE## 3 ELECTIVE##	3 0 3 4 4
	15	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.

+ Choose from CHEM 361b, 411, 419, 431, 439, 441, 444, 449, 469, 471, or 479.

++ Choose from CHEM 345, 365b, 396, 415, 435, 455, or 496.

Choose from BIOL 121, 220, 319, 325, 331, 335, or 340.

Additional chemistry and biology recommended.

Note: This guide provides only a suggested course of study. The guide should be used in consultation with an adviser and the SIUE Undergraduate Catalog available online at www.registrar.siu.edu/registrar/catalogs.htm.

Declaring a Chemistry Major: To declare a major in Chemistry, it is necessary:

1. To have completed all Academic Development courses required by the University;
2. To have completed any required courses to address high school deficiencies;
3. To have successfully completed CHEM 121a, 125a or the equivalent courses with grades of C or better;
4. To have a minimum grade point average of 2.4 in science and mathematics courses completed as well as a cumulative grade point average of 2.5 or higher (on a 4.0 scale) in all courses taken at SIUE;
5. For transfer students to have a 2.6 GPA in science and math courses taken at other institutions and a 2.5 overall average in other transferable work.

Note: Students who do not meet the GPA requirements may be provisionally accepted and will receive advisement. See the Chemistry Department for more information.

For further information, contact the Chemistry Department, SL 2306, 650-2042.

7/21/05