

Southern Illinois University Edwardsville
BACHELOR OF SCIENCE - CHEMISTRY: BASIC
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 Lab ENG 101 Composition MATH 150 Calculus I (Intro NSM) SPC 103, 104 or 105*	4 CHEM 121b General Chemistry 1 CHEM 125b General Chemistry Laboratory 3 ENG 102 Composition 5 MATH 152 Calculus II 3 PHIL 106 or MATH 106	4 1 3 5 3
	16	16	
2	CHEM 241a Organic Chemistry CHEM 331 Quant Analytical Chemistry CHEM 335 Quant Analytical Chem Lab PHYS 211a Univ Physics (Intro NSM) PHYS 212a University Physics Lab Intro Fine Arts & Humanities	3 CHEM 241b Organic Chemistry 3 CHEM 245 Organic Chemistry Laboratory 1 CS 140 or STAT 107, 244, 380, or 480 4 PHYS 211b University Physics (Dist NSM) 1 PHYS 212b University Physics Laboratory 3 Intro Fine Arts & Hum or Intro Soc Sciences	3 2 3-4 4 1 3
	15	16-17	
3	CHEM 361a Physical Chemistry CHEM 365a Physical Chemistry Lab Dist Fine Arts & Humanities Intro Social Sciences ELECTIVE	3 CHEM 361b Physical Chemistry 1 CHEM 365b Physical Chemistry Laboratory 3 CHEM ELECTIVE## 3 Dist Social Sciences 3 Intergroup Relations (IGR)+ 3 ELECTIVE	3 1 3 3 3 3
	14	16	
4	CHEM 411 Inorganic Chemistry CHEM ELECTIVE# Interdisciplinary Studies (IS) ELECTIVE ELECTIVE	3 CHEM 499 Senior Assignment 3 CHEM ELECTIVE# 3 International Issues/Internat'l Culture (II/IC)+ 3 ELECTIVE 3 ELECTIVE 3 ELECTIVE	0 3 3 3 3 3
	16	15	

* SPC 103 recommended (also satisfies Intergroup Relations requirement).

+ 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 419, 431, 439, 441, 449, 451a, 451b, 459, 469, 471, or 479.

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

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.

A foreign language is strongly recommended.

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;
3. 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 at least 2.5 or higher (on a 4.0 scale) in all courses taken at SIUE;
4. 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.

10/4/05