UNIVERSITY OF SOUTHERN INDIANA
Chemistry and Biochemistry

Science Teaching (Chemistry)
Math 230 Start

This is a suggested sequence of courses; you will work on an exact plan with your advisor. Courses taken the first year depend on math placement. In order to graduate, you must fulfill 39 credit hours at the 300/400 level. *Research courses can be taken in any semester; two hours are required for the degree.

Fall Year 1	
General Chemistry I (CHEM 261)	4
Core SS (BS)	3
Calculus I (MATH 230)	4
Rhetoric & Composition I (ENG 101)	3
1st Year Experience (UNIV 101)	1
	15

Fall Year 2	
Organic Chemistry I (CHEM 353)	4
Chemistry Seminar (CHEM 218)	1
Intermediate Physics I (PHYS 205)	5
Diversity and Equity in Education (EDUC 221)	3
Earth-Space Science for Educators (GEOL 108)	3
	15

Fall Year 3	
Biochemistry I (CHEM 431)	4
Chemistry Seminar II (CHEM 318) ***(or** year 4)*	1
Physical Chemistry I (CHEM 461)	4
Core (WOK)	3
Explorations in Secondary Educ. (EDUC 283)	3
Concepts in Wellness and Fitness (KIN 192)	1
	16

Fall Year 4	
Environmental Chemistry (CHEM 341)	3
Secondary Analysis of Curriculum and Pedagogy (EDUC 383)	3
Advanced Clinical Experiences in Secondary Schools (EDUC 384)	3
*Intro to Research (CHEM 499)	1
Core Writing Embedded	3
	16

Spring Year 1	
General Chemistry II (CHEM 262)	4
Calculus II (MATH 235)	4
Intro to Public Speaking (CMST 101/107)	3
Rhetoric & Composition II (ENG 201)	3
Biology for Educators (BIOL 108)	2
	16

Spring Year 2	
Organic Chemistry II (CHEM 354)	4
Quantitative Analysis (CHEM 321) ***(or Summer)***	4
Introduction to Exceptionalities (EDUC 206)	3
Intermediate Physics II (PHYS 206)	5
	16

Spring Year 3	
Inorganic Chemistry (CHEM 441)	4
Teaching Science in Grades 5-12 (EDUC 396)	4
Intro to Research (CHEM 499)	1
Core (Global)	3
Chemistry Seminar III (CHEM 418)	1
Core (WOK)	3
	12

Spring Year 4	
Supervised Student Teaching in Secondary or P-12 Education (EDUC 473)	9
Professional Issues in Education (EDUC 463)	3
	12

Contact the Chemistry Office to be put in touch with a chemistry advisor.

Department of Chemistry & Biochemistry
8600 University Boulevard • Evansville, Indiana 47712 • 812-464-1701 • Fax 812-465-7199 • USI.edu

UNIVERSITY OF SOUTHERN INDIANA
Chemistry and Biochemistry

Science Teaching (Chemistry)
Math 115 Start

This is a suggested sequence of courses; you will work on an exact plan with your advisor. Courses taken the first year depend on math placement. In order to graduate, you must fulfill 39 credit hours at the 300/400 level. *Research courses can be taken in any semester; two hours are required for the degree.

Fall Year 1	
General Chemistry I (CHEM 261)	4
Core SS (BS)	3
Pre-Calculus (MATH 115)	4
Rhetoric & Composition I (ENG 101)	3
1st Year Experience (UNIV 101)	1
	15

Spring Year 1	
General Chemistry II (CHEM 262)	4
Calculus I (MATH 230)	4
Intro to Public Speaking (CMST 101/107)	3
Rhetoric & Composition II (ENG 201)	3
Biology for Educators (BIOL 108)	2
	16

Summer – Calculus II (MATH 235)

Fall Year 2	
Organic Chemistry I (CHEM 353)	4
Chemistry Seminar (CHEM 218)	1
Intermediate Physics I (PHYS 205)	5
Diversity and Equity in Education (EDUC 221)	3
Earth-Space Science for Educators (GEOL 108)	3
	15

Spring Year 2	
Organic Chemistry II (CHEM 354)	4
Quantitative Analysis (CHEM 321) ***(or Summer)***	4
Introduction to Exceptionalities (EDUC 206)	3
Intermediate Physics II (PHYS 206)	5
	16

Fall Year 3	
Biochemistry I (CHEM 431)	4
Chemistry Seminar II (CHEM 318)	1
Physical Chemistry I (CHEM 461)	4
Core (WOK)	3
Explorations in Secondary Educ. (EDUC 283)	3
Concepts in Wellness and Fitness (KIN 192)	1
	16

Spring Year 3	
Inorganic Chemistry (CHEM 441)	4
Teaching Science in Grades 5-12 (EDUC 396)	4
*Intro to Research (CHEM 499)	1
Core (Global)	3
Chemistry Seminar III (CHEM 418)	1
Core (WOK)	3
	12

Fall Year 4	
Environmental Chemistry (CHEM 341)	3
Secondary Analysis of Curriculum and Pedagogy (EDUC 383)	3
Adv. Clinical in Secondary Schools (EDUC 384)	3
Core	3
*Intro to Research (CHEM 499)	1
Core Writing Embedded	3
	16

Spring Year 4	
Supervised Student Teaching in Secondary or P-12 Education (EDUC 473)	9
Professional Issues in Education (EDUC 463)	3
	12

Contact the Chemistry Office to be put in touch with a chemistry advisor.

Department of Chemistry & Biochemistry
8600 University Boulevard • Evansville, Indiana 47712 • 812-464-1701 • Fax 812-465-7199 • USI.edu