UNIVERSITY OF SOUTHERN INDIANA
Chemistry and Biochemistry

Chemistry Major

ACS, 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
Principles of Biology (BIOL 141)	4
Calculus I (MATH 230)	4
Rhetoric & Composition I (ENG 101)	3
1st Year Experience (UNIV 101)	1
	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
Social Science Core (BS)	3
	17

Fall Year 2	
Organic Chemistry I (CHEM 353)	4
Chemistry Seminar (CHEM 218)	1
Intermediate Physics I (PHYS 205)	5
Concepts in Wellness and Fitness (KIN 192)	1
Core WLS (BS)	3
	14

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

Fall Year 3	
Instrumental Analysis (CHEM 421)	4
Chemistry Seminar II (CHEM 318) ***(or** year 4)*	1
Physical Chemistry I (CHEM 461)	4
Core (Diversity)	3
Core (WOK)	3
	15

Spring Year 3	
Physical Chemistry II (CHEM 462)	4
Polymer Chemistry (CHEM 451) ***(or** year 4)*	4
*Intro to Research (CHEM 499)	1
Cell Biology (BIOL 334)	3
Core (Global)	3
	15

Fall Year 4	
Biochemistry I (CHEM 431)	4
Core WOK	3
*Intro to Research (CHEM 499)	1
Core Writing Intensive	3
Elective	3
	14

Spring Year 4	
Inorganic Chemistry (CHEM 441)	4
Chemistry Seminar III (CHEM 418) (***or** Sp. Year 3)*	1
Elective	3
Elective	3
Elective	3
	14

Contact the Chemistry and Biochemistry 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

Chemistry Major

ACS, 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
Principles of Biology (BIOL 141)	4
Pre-Calculus (MATH 115)	4
Rhetoric & Composition I (ENG 101)	3
1st Year Experience (UNIV 101)	1
	16

Fall Year 2	
Organic Chemistry I (CHEM 353)	4
Calculus II (MATH 235)	4
Core (WOK)	3
Core WLS (BS)	3
	14

Fall Year 3	
Core Writing Intensive	3
Chemistry Seminar II (CHEM 318) ***(or** year 4)*	1
Intermediate Physics I (PHYS 205)	4
Core (DIVERSITY)	3
Social Science Core (BS)	3
	14

Fall Year 4	
Biochemistry I (CHEM 431)	4
Physical Chemistry I (CHEM 461)	4
*Intro to Research (CHEM 499)	1
Instrumental Analysis (CHEM 421)	4
Core (WOK)	3
	16

Spring Year 1	
General Chemistry II (CHEM 262)	4
Calculus I (MATH 230)	4
Intro to Public Speaking (CMST 101)	4
Rhetoric & Composition II (ENG 201)	3
	15

Spring Year 2	
Organic Chemistry II (CHEM 354)	4
Quantitative Analysis (CHEM 321) ***(or Summer)***	4
Core (WOK)	3
Concepts in Wellness and Fitness (KIN 192)	1
Chemistry Seminar (CHEM 218)	1
	13

Spring Year 3	
Cell Biology (BIOL 334)	4
Polymer Chemistry (CHEM 451) ***(or** year 4)*	4
Intro to Research (CHEM 499)*	1
Intermediate Physics II (PHYS 206)	5
Core (Global)	3
	16

Spring Year 4	
Inorganic Chemistry (CHEM 441)	4
Chemistry Seminar III (CHEM 418) (***or** Sp. Year 3)*	1
Physical Chemistry II (CHEM 462)	4
Elective	3
Elective	3
	15

Contact the Chemistry and Biochemistry 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

Chemistry Major

ACS, Math 111 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
Principles of Biology (BIOL 141)	4
College Algebra (MATH 111)	4
Rhetoric & Composition I (ENG 101)	3
1st Year Experience (UNIV 101)	1
	16

Fall Year 2	
Organic Chemistry I (CHEM 353)	4
Calculus I (MATH 230)	4
Core (WOK)	3
Core WLS (BS)	3
	14

Fall Year 3	
Core Writing Intensive	3
Chemistry Seminar II (CHEM 318) ***(or** year 4)*	1
Intermediate Physics I (PHYS 205)	4
Core (WOK)	3
Core (DIVERSITY)	3
	14

Fall Year 4	
Biochemistry I (CHEM 431)	4
Physical Chemistry I (CHEM 461)	4
Instrumental Analysis (CHEM 421)	4
*Intro to Research (CHEM 499)	1
Core (WOK)	3
	16

Spring Year 1	
General Chemistry II (CHEM 262)	4
Pre-Calculus (MATH 115)	4
Intro to Public Speaking (CMST 101)	4
Rhetoric & Composition II (ENG 201)	3
Social Science Core (BS)	3
	18

Spring Year 2	
Organic Chemistry II (CHEM 354)	4
Quantitative Analysis (CHEM 321) ***(or Summer)***	4
Calculus II (MATH 235)	4
Concepts in Wellness and Fitness (KIN 192)	1
Chemistry Seminar (CHEM 218)	1
	14

Spring Year 3	
Cell Biology (BIOL 334)	4
Polymer Chemistry (CHEM 451) ***(or** year 4)*	4
Intro to Research (CHEM 499)*	1
Intermediate Physics II (PHYS 206)	5
Core (Global)	3
	17

Spring Year 4	
Inorganic Chemistry (CHEM 441)	4
Chemistry Seminar III (CHEM 418) (***or** Sp. Year 3)*	1
Physical Chemistry II (CHEM 462)	4
Elective	3
Elective	3
	15

Contact the Chemistry and Biochemistry 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