

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
<u>1<sup>st</sup> Year Experience (UNIV 101)</u>	<u>1</u>
	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
<u>Social Science Core (BS)</u>	<u>3</u>
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### Fall Year 2

Organic Chemistry I (CHEM 353)	4
Chemistry Seminar (CHEM 218)	1
Intermediate Physics I (PHYS 205)	5
Core WOK	3
<u>Core WLS (BS)</u>	<u>3</u>
	16

### Spring Year 2

Organic Chemistry II (CHEM 354)	4
Quantitative Analysis (CHEM 321) ( <i>or Summer</i> )	4
Cell Biology (BIOL 334)	3
<u>Intermediate Physics II (PHYS 206)</u>	<u>5</u>
	16

### Fall Year 3

Biochemistry I (CHEM 431)	4
Chemistry Seminar II (CHEM 318) ( <i>or year 4</i> )	1
Genetics (BIOL 382)	4
Core (WOK)	3
<u>Core (Diversity)</u>	<u>3</u>
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### Spring Year 3

Biochemistry II (CHEM 432)	4
Polymer Chemistry (CHEM 451) ( <i>or year 4</i> )	4
*Intro to Research (CHEM 499)	1
<u>Core (Global)</u>	<u>3</u>
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### Fall Year 4

Instrumental Analysis (CHEM 421)	4
Physical Chemistry I (CHEM 461)	4
Core WOK	3
*Intro to Research (CHEM 499)	1
<u>Core Writing Embedded</u>	<u>3</u>
	15

### Spring Year 4

Inorganic Chemistry (CHEM 441)	4
Chemistry Seminar III (CHEM 418) ( <i>or Sp. Year 3</i> )	1
Elective	3
Elective	3
<u>Concepts in Wellness and Fitness (KIN 192)</u>	<u>1</u>
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Fall Year 1

General Chemistry I (CHEM 261)	4
Principles of Biology (BIOL 141)	4
Pre-Calculus (MATH 115) or Comprehensive Pre-Calculus (MATH 118)	4/5
Rhetoric & Composition I (ENG 101)	3
1 <sup>st</sup> Year Experience (UNIV 101)	1
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	16/17

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
Social Science Core (BS)	3
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	17

Fall Year 2

Organic Chemistry I (CHEM 353)	4
Chemistry Seminar (CHEM 218)	1
Intermediate Physics I (PHYS 205)	5
Calculus II (MATH 235)	4
Core WLS (BS)	3
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	17

Spring Year 2

Organic Chemistry II (CHEM 354)	4
Quantitative Analysis (CHEM 321) ( <i>or Summer</i> )	4
Cell Biology (BIOL 334)	3
Intermediate Physics II (PHYS 206)	5
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	16

Fall Year 3

Biochemistry I (CHEM 431)	4
Chemistry Seminar II (CHEM 318) ( <i>or year 4</i> )	1
Genetics (BIOL 382)	4
Core (WOK)	3
Core (Diversity)	3
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Spring Year 3

Biochemistry II (CHEM 432)	4
Polymer Chemistry (CHEM 451) ( <i>or year 4</i> )	4
*Intro to Research (CHEM 499)	1
Core (Global)	3
Core (WOK)	3
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	15

Fall Year 4

Instrumental Analysis (CHEM 421)	4
Physical Chemistry I (CHEM 461)	4
Core WOK	3
*Intro to Research (CHEM 499)	1
Core Writing Embedded	3
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Spring Year 4

Inorganic Chemistry (CHEM 441)	4
Chemistry Seminar III (CHEM 418) ( <i>or Sp. Year 3</i> )	1
Elective	3
Elective	3
Concepts in Wellness and Fitness (KIN 192)	1
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	12

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### 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
<u>1<sup>st</sup> Year Experience (UNIV 101)</u>	<u>1</u>
	16

### Spring Year 1

General Chemistry II (CHEM 262)	4
Pre-Calculus (MATH 115)	4
Intro to Public Speaking (CMST 101/107)	3
Rhetoric & Composition II (ENG 201)	3
<u>Social Science Core (BS)</u>	<u>3</u>
	17

### Fall Year 2

Organic Chemistry I (CHEM 353)	4
Chemistry Seminar (CHEM 218)	1
Core (WOK)	3
Calculus I (MATH 230)	4
<u>Core WLS (BS)</u>	<u>3</u>
	15

### Spring Year 2

Organic Chemistry II (CHEM 354)	4
Quantitative Analysis (CHEM 321) ( <i>or Summer</i> )	4
Cell Biology (BIOL 334)	3
Calculus II (MATH 235)	3
<u>Concepts in Wellness and Fitness (KIN 192)</u>	<u>1</u>
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### Fall Year 3

Biochemistry I (CHEM 431)	4
Chemistry Seminar II (CHEM 318) ( <i>or year 4</i> )	1
Intermediate Physics I (PHYS 205)	5
Core (WOK)	3
<u>Core (Diversity)</u>	<u>3</u>
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### Spring Year 3

Biochemistry II (CHEM 432)	4
Intermediate Physics II (PHYS 206)	5
*Intro to Research (CHEM 499)	1
Core (Global)	3
<u>Chemistry Seminar III (CHEM 418) (<i>or Sp. Year 4</i>)</u>	<u>1</u>
	14

### Fall Year 4

Instrumental Analysis (CHEM 421)	4
Physical Chemistry I (CHEM 461)	4
Core WOK	3
<u>*Intro to Research (CHEM 499)</u>	<u>1</u>
	12

### Spring Year 4

Inorganic Chemistry (CHEM 441)	4
Polymer Chemistry (CHEM 451) ( <i>or year 3</i> )	3
Core Writing Intensive	3
<u>Genetics (BIOL 382)</u>	<u>4</u>
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