

B.S. degree in Chemistry (Chemistry Option)

First year, Fall semester (16 credit hours)	
1. Introductory Chemistry I (chem 1111, 5 credit hours)	<u>Milestone classes</u> 1. Chem 1111
2. Trigonometry (Math 1035, 2 credit hours)	2. Math 1035
3. Freshman Composition (English 1100, 3 credit hours)	3. _____
4. Gen Ed Elective (3 credit hours)	<u>Other learning activities</u> 1. Chemistry Club
5. Gen Ed Elective (3 credit hours)	2. Chemistry Tutoring Lab
	3. Meet with faculty advisor

First year, Spring semester (16 credit hours)	
1. Introductory Chemistry II (chem 1121, 5 credit hours)	<u>Milestone classes</u> 1. Chem 1121
2. Analytical Geometry and Calculus I (Math 1800, 5 credit hours)	2. Math 1800
3. Gen Ed Elective (3 credit hours)	3. _____
4. State Requirement (3 credit hours)	<u>Other learning activities</u> 1. Chemistry Club
	2. Chemistry Tutoring Lab
	3. Meet with faculty advisor

Second year, Fall semester (16 credit hours)	
1. Quantitative Analysis (Chem 2223, 3 credit hours)	<u>Milestone classes</u> 1. Chem 2223
2. Organic Chemistry I (Chem 2612, 3 credit hours)	2. Chem 2612
3. Basic Inorganic (Chem 3412, 2 credit hours)	3. Math 1900
4. Analytic Geometry and Calculus 2 (Math 1900, 5 credit hours)	_____
5. Gen Ed Elective (3 credit hours)	<u>Other learning activities</u> 1. Chemistry Club
	2. Chemistry Tutoring Lab
	3. Meet with faculty advisor

Second year, Spring semester (15 credit hours)	
1. Organic Chemistry II (Chemistry 2622, 3 credit hours)	<u>Milestone classes</u> 1. Chem 2612
2. Organic Chemistry Lab (Chem 2633, 2 credit hours)	2. Chem 2633
3. Analytic Geometry and Calculus 3 (Math 2000, 5 credit hours)	3. Physics 2111
4. Physics: Mechanic and Heat (Physics 2111, 5 credit hours)	_____
	<u>Other learning activities</u> 1. Chemistry Club
	2. Chemistry Tutoring Lab
	3. Meet with faculty advisor, chose specific degree/option (chem or biochem)

Third year, Fall semester (16 credit hours)	
1. Physical Chemistry I (Chem 3312, 3 credit hours)	<u>Milestone classes</u> 1. Chem 3312
2. Biochemistry (Chem 4712, 3 credit hours)	2.
3. Intro to Chem Lit (Chem 3022, 1 credit hour)	3.
	<u>Other learning activities</u>
4. Gen Ed Elective (3 credit hours)	1. Chemistry Club
5. Junior English Requirement (3 credit hours)	2. Research possible
6. Elective (3 credit hours)	3. Meet with Faculty Advisor

Third year, Spring semester (16 credit hours)	
1. Physical Chemistry II (Chem 3322, 3 credit hours)	<u>Milestone classes</u> 1. Chem 3322
2. Physical Chemistry Lab I (Chem 3333, 2 credit hours)	2. Chem 3333
	3.
3. Physics: Electricity, Magnetism, Optics (Physics 2112, 5 credit hours)	<u>Other learning activities</u>
4. Gen Ed Elective (3 credit hours)	1. Chemistry Club
5. Cultural Diversity Requirement (3 credit hours)	2. Research possible
	3. Meet with Faculty advisor

Fourth year, Fall Semester (13 credit hours)	
1. Instrumental Analysis (Chem 4212, 2 credit hours)	<u>Milestone classes</u> 1. Chem 4212
2. Advanced Inorganic Chemistry (Chem 4412, 3 credit hours)	2. Chem 4412
	3.
3. Physical Chemistry Lab II (Chem 4343, 2 credit hours)	<u>Other learning activities</u>
4. Advanced Organic Chem Lab (Chem 3643, 2 credit hours)	1. Chemistry Club
5. Chemical Research (Chem 3905, 1 credit hour)	2. Research possible
6. Elective (3 credit hours)	3.

Fourth year, Spring semester (12 credit hours)	
1. Instrumental Analysis Lab (Chem 4233, 2 credit hours)	<u>Milestone classes</u> 1. Chem 4897
2. Inorganic Reactions (Chem 4433, 2 credit hours)	2. Chemistry 3905
	3.
3. Chem 3905 (Chemical Research, 1 credit hour)	<u>Other learning activities</u>
4. Seminar (Chem 4897, 1 credit hour)	1. Chemistry Club
5. Elective (3 credit hours)	2. Research possible
6. Elective (3 credit hours)	3. Prepare report on Research