B.S. degree in Chemistry (Chemistry Option, 5 year plan)

First year, First semester (12 credit hours)	
1. College Algebra (Math 1030, 3 credit hours) 2. Freshman Composition (English 1100, 3 credit hours) 3. General Education Elective (3 credit hours) 4. General Education Elective (3 credit hours)	Milestone classes 1. English 1100 2. Math 1030 _____ Other learning activities 1. Chemistry Club 2. Meet with faculty advisor

First year, Second semester (13 credit hours)	
1. Introductory Chemistry I (Chem 1111, 5 credit hours) 2. Trigonometry (Math 1035, 2 credit hours) 3. General Education Elective (3 credit hours) 4. State Requirement (3 credit hours)	Milestone classes 1. Chem 1111 2. Math 1035 _____ Other learning activities 1. Chemistry Club 2. Chemistry Tutoring Lab 3. Meet with faculty advisor

Second year, First semester (13 credit hours)	
1. Introductory Chemistry II (Chem 1121, 5 credit hours) 2. Analytic Geometry and Calculus 1 (Math 1800, 5 credit hours) 5. General Education Elective (3 credit hours)	Milestone classes 1. Chem 1121 2. Math 1800 _____ Other learning activities 1. Chemistry Club 2. Chemistry Tutoring Lab 3. Meet with faculty advisor

Second year, Second semester (14 credit hours)	
1. Quantitative Analysis (Chem 2223, 3 credit hours) 2. Analytic Geometry and Calculus 2 (Math 1900, 5 credit hours) 3. General Education Elective (3 credit hours) 4. Cultural Diversity Requirement (3 credit hours)	Milestone classes 1. Chem 2223 2. Math 1900 _____ Other learning activities 1. Chemistry Club 2. Chemistry Tutoring Lab 3. Meet with faculty advisor

Third year, First semester (15 credit hours)	
1. Organic Chemistry I (Chemistry 2612, 3 credit hours) 2. Physics: Electricity, Magnetism, Optics (Physics 2111, 5 credit hours) 3. Chemistry 3412 (Basic Inorganic Chemistry, 2 credit hours) 4. Analytic Geometry and Calculus III (Math 2000, 5 credit hours)	Milestone classes 1. Chem 2612 2. Chem 3412 3. Physics 2111 3. Math 2000 _____ Other learning activities 1. Chemistry Club 2. Chemistry tutoring lab 3. Meet with Faculty Advisor

Third year, Second semester (13 credit hours)	
1. Organic Chemistry II (Chemistry 2622, 3 credit hours) 2. Organic Chemistry Lab (Chemistry 2633, 2 credit hours) 3. Physics 2112 (Physics: Electricity, Magnetism, and Optics, 5 credit hours) 4. Junior English Requirement (3 credit hours)	Milestone classes 1. Chem 2622 2. Chem 2633 3. Physics 2112 Other learning activities 1. Chemistry Club 2. Chemistry tutoring lab 3. Meet with Faculty advisor (discuss whether interested in biochemistry option)

Fourth year, First semester (12 credit hours)	
1. Physical Chemistry I (Chem 3312, 3 credit hours) 2. Advanced Organic Chem Lab (Chem 3643, 2 credit hours) 3. Intro to Chem Lit (Chem 3022, 1 credit hour) 4. General Education Elective (3 credit hours) 5. Elective (3 credit hours)	Milestone classes 1. chem 3312 2. chem 3643 3. chem 3022 _____ Other learning activities 1. Chemistry Club 2. Research possible 3. Meet with Faculty Advisor

Fourth year, Second semester (14 credit hours)	
1. Physical Chemistry II (Chem 3322, 3 credit hours) 2. Laboratory in Physical Chemistry I (Chem 3333, 2 hours) 3. Biochemistry (Chemistry 4712, 3 credit hours) 4. Elective (3 credit hours) 5. Elective (3 credit hours)	Milestone classes 1. Chem 3322 2. chem 3333 _____ Other learning activities 1. Chemistry Club 2. Research possible 3. Meet with Faculty Advisor (file for graduation and plan senior year)

Fifth year, First semester (12 credit hours)	
1. Advanced Inorganic Chemistry (Chem 4412, 3 credit hours) 2. Instrumental Analysis (Chem 4212, 2 credit hours) 3. Physical Chem Lab II (Chem 4343, 2 credit hours) 4. Research (Chem 3905, 2 credit hours) 5. Elective (3 credit hours)	<u>Milestone classes</u> 1. chem 4412 2. chem 4212 3. chem 4343 4. chem 4712 _____ <u>Other learning activities</u> 1. Chemistry Club 2. Research possible 3. Meet with faculty advisor

Fifth year, Second semester (11 credit hours)	
1. Inorganic Reactions (Chem 4433, 2 credit hours) 2. Instrumental Analysis Lab (Chemistry 4233, 2 credit hours) 3. Seminar (Chemistry 4897, 1 credit hours) 4. Elective (3 credit hours) 5. Elective (3 credit hours)	<u>Milestone classes</u> 1. chem 4433 2. chem 4233 3. chem 4897 _____ <u>Other learning activities</u> 1. Chemistry Club 2. Research possible 3. Meet with faculty advisor