

Bachelor of Science

Freshman Year

First Semester

4 – CH 1010 General Chemistry
4 – MATH 1060 Calculus I
4 – Technical Requirement
3 – Gen Ed

(15 hours total)

Second Semester

4 – CH 1020 General Chemistry
4 – MATH 1080 Calculus II
3 – PHYS 1220 Physics I
1 – PHYS 1240 Physics I lab
3 – ENGL 1030 Composition

(15 hours total)

Sophomore Year

First Semester

3 – CH 2230 Organic Chemistry
1 – CH 2270 Organic Chem Lab
4 – MATH 2060 Calculus III
3 – PHYS 2210 Physics II
1 – PHYS 2230 Physics II lab
3 – Gen Ed

(15 hours total)

Second Semester

3 – CH 1520 Chemistry Communication
3 – CH 2050 Intro. to Inorganic Chemistry
3 – CH 2240 Organic Chemistry
1 – CH 2280 Organic Chem Lab
3 – Advanced Math requirement
3 – Gen Ed

(16 hours total)

Junior Year

First Semester

3 – CH 3130 Quantitative Analysis
2 – CH 3150 Quantitative Analysis Lab
3 – CH 3310 Physical Chemistry
1 – CH 3390 Physical Chemistry Lab
1 – CH 3140 Introduction to Research
3 – Inorganic Chemistry requirement
3 – Elective

(16 hours total)

Second Semester

3 – CH 3320 Physical Chemistry
1 – CH 3400 Physical Chemistry Lab
3 – CH 3600 Chemical Biology
3 – CH 4110 Instrumental Analysis
2 – CH 4120 Instrumental Analysis Lab
3 – Elective

(15 hours total)

Senior Year

First Semester

3 – CH 4430 Research Problems
3 – Chemistry elective
3 – Gen Ed
6 – Elective

(15 hours total)

Second Semester

2 – CH 4030 Advanced Synthesis Techniques
3 – CH 4440 Research Problems
3 – CH 4500 Chemistry Capstone
3 – Chemistry elective
3 – Elective

(14 hours total)

121 total credit hours

Bachelor of Arts (proposed for 2018-19)

Freshman Year

First Semester

4 – CH 1010 General Chemistry
4 – MATH 1060 Calculus I
4 – Technical Requirement
3 – Gen Ed

(15 hours total)

Second Semester

4 – CH 1020 General Chemistry
4 – MATH 1080 Calculus II
3 – PHYS 1220 Physics I
1 – PHYS 1240 Physics I lab
3 – ENGL 1030 Composition

(15 hours total)

Sophomore Year

First Semester

3 – CH 2230 Organic Chemistry
1 – CH 2270 Organic Chem Lab
4 – MATH 2060 Calculus III
3 – PHYS 2210 Physics II
4 – Modern Language requirement

(15 hours total)

Second Semester

3 – CH 1520 Chemistry Communication
3 – CH 2050 Intro. to Inorganic Chemistry
3 – CH 2240 Organic Chemistry
1 – CH 2280 Organic Chem Lab
3 – Gen Ed
4 – Modern Language requirement

(17 hours total)

Junior Year

First Semester

3 – CH 3130 Quantitative Analysis
1 – CH 3170 Quantitative Analysis Lab
3 – CH 3310 Physical Chemistry
1 – CH 3140 Introduction to Research
3 – Gen Ed
3 – Minor requirement
3 – Modern Language requirement

(17 hours total)

Second Semester

3 – CH 3320 Physical Chemistry
3 – CH 3600 Chemical Biology
3 – Writing requirement
3 – Minor requirement
3 – Modern Language requirement

(15 hours total)

Senior Year

First Semester

3 – Chemistry elective
3 – Minor requirement
3 – Gen Ed
6 – Elective

(15 hours total)

Second Semester

3 – CH 4500 Chemistry Capstone
3 – Chemistry elective
6 – Minor requirement
3 – Elective

(15 hours total)

122 total credit hours