

Chemistry B.S.

4- Year Plan of Study

Items marked with a ☒ are critical for the student to remain on track for graduation.

Notes

The Plan of Study is a static review of the degree. Connect with your major advisor for a personalized path toward graduation.

Potential Entry Level Job Titles:

Chemist ◦ Chemical Engineer ◦ Chemistry Teacher, Secondary Education

Potential Entry Level Salary Range:

\$30,000 - \$55,000

Semester 1 - Fall

Crit	Course/Requirement	Credits
<input type="checkbox"/>	AMH 2010 OR AMH 2020 OR POS 2041 (SCIV/SGES)	3
<input type="checkbox"/>	ENC 1101 - Composition I	3
<input checked="" type="checkbox"/>	CHM 2045 - General Chemistry I	3
<input checked="" type="checkbox"/>	CHM 2045L - General Chemistry I Laboratory	1
<input type="checkbox"/>	MAC 2311 - Calculus I	4
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 2 - Spring

Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	CHM 2046 - General Chemistry II	3
<input checked="" type="checkbox"/>	CHM 2046L - General Chemistry II Laboratory	1
<input type="checkbox"/>	ENC 1102 - Composition II	3
<input checked="" type="checkbox"/>	MAC 2312 - Calculus II	4
<input checked="" type="checkbox"/>	PHY 2048 - General Physics I - Calculus Based	3
<input type="checkbox"/>	PHY 2048L - General Physics I Laboratory	1
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 3 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	Gen-Ed USF Humanities (UGEH)	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 4 - Fall		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	CHM 2210 - Organic Chemistry I	3
<input type="checkbox"/>	CHM 2210L - Organic Chemistry Laboratory I	2
<input checked="" type="checkbox"/>	PHY 2049 - General Physics II - Calculus Based	3
<input type="checkbox"/>	PHY 2049L - General Physics II Laboratory	1
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>	General/Unrestricted Elective	2
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 5 - Spring		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	BSC 2010 - Biology I Cellular Processes	3
<input type="checkbox"/>	CHM 2211 - Organic Chemistry II	3
<input type="checkbox"/>	CHM 2211L - Organic Chemistry Laboratory II	2
<input type="checkbox"/>	Gen-Ed State Humanities (SGEH)	3
<input type="checkbox"/>	Gen-Ed USF Social Sciences (UGES)	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 6 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 7 - Fall		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	BCH 4033 - Advanced Biochemistry I	3
<input checked="" type="checkbox"/>	CHM 3415C - Physical Chemistry Methods	4
<input type="checkbox"/>	CHM 4060 - Use of Chemical Literature	1
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 8 - Spring		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	CHM 3120C - Elementary Analytical Chemistry	4
<input checked="" type="checkbox"/>	CHM 3610 - Intermediate Inorganic Chemistry	3
<input type="checkbox"/>	CHM 3610L - Intermediate Inorganic Chemistry Laboratory	1
<input type="checkbox"/>	3000/4000 Elective	3
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 9 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	Consider pursuing an Education Abroad, Internship, Community Engagement, or Research Experience in the Summer term.	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 10 - Fall		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	CHM 4130C - Methods of Instrument Analysis	4
<input checked="" type="checkbox"/>	CHM 4410 - Physical Chemistry I	4
<input type="checkbox"/>	3000/4000 Elective	3
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 11 - Spring		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	CHM 4131C - Methods of Chemical Investigation II	4
<input type="checkbox"/>	CHM 4410L - Physical Chemistry Laboratory	4
<input type="checkbox"/>	CHM 4411 - Physical Chemistry II	1
<input checked="" type="checkbox"/>	CHM 4611 - Advanced Inorganic Chemistry	3
<input type="checkbox"/>	Apply for Graduation	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		