

Four-Year Degree Plan for Major in Chemistry, B.A.

Note that this is a sample four-year plan. There are other course sequences that will allow a student to graduate within four years as long as prerequisite courses are taken in the proper sequence. This sample plan does not guarantee course availability, and adjustments to students' plans may be necessary if they are unable to take specific courses during specific semesters. Students who are placed into lower level AWR, MAT or other prerequisite courses will need to adjust their four-year plans accordingly. Similarly, students who bring in Advanced Placement, Dual Enrollment or transfer credit for courses will need to adjust their four-year plans. A minimum of a 2.0 GPA both overall and in the major is required for graduation. In addition to major requirements, all components of the Baccalaureate Experience must be completed in order to graduate. A student must earn a minimum of 124 credit hours to qualify for the Bachelor of Arts degree in Chemistry.

First (Freshman) Year - Fall Semester

Subtotal: 13

CHE 152, CHE 153L, MAT 260: Grade "C" or better

First (Freshman) Year - Spring Semester

CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
MAT 261	Calculus II	4
BIO 198	General Biology I	4
BIO 198L	General Biology I Laboratory	
	General Elective (IG) (NW)	4
BAC 102	First-Year Seminar II	1
	or	
HON 102	Pathways to Honors 2	1

Subtotal: 17

CHE 154, CHE 155L: Grade "C" or better

Second (Sophomore) Year - Fall Semester

CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	
	Humanities/Fine Arts (Bacc. Exp.)	4
	General Elective	4

Subtotal: 16

CHE 232, CHE 233L (W): Grade "C" or better

Second (Sophomore) Year - Spring Semester

CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 245	Intermediate Inorganic Chemistry	4
CHE 245L	Intermediate Inorganic Chemistry Laboratory	
PHY 201	General Physics II	4
PHY 201L	General Physics II Laboratory	
AWR 201	Writing and Research	4

Subtotal: 16

CHE 234, CHE 235L (W): Grade "C" or better

Third (Junior) Year - Fall Semester

CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	
	General Elective (W)	4
	General Elective (IG) (NW)	4
	Humanities/Fine Arts (Bacc. Exp.)	4

Subtotal: 16

Humanities/Fine Arts (A)

CHE 310: Grade "C" or better

Third (Junior) Year - Spring Semester

CHE 320	Biochemistry	3
	General Elective (W)	4
	General Elective	4
	Social Science (Bacc. Exp)	4

Subtotal: 15

Fourth (Senior) Year - Fall Semester

CHE 305	Applied Physical Chemistry	3
	General Elective (W)	4
	Social Science (Bacc. Exp)	4
	General Elective	4

Subtotal: 15

Social Science (IG) (NW)

Fourth (Senior) Year - Spring Semester

	Social Science (Bacc. Exp)	4
	General Elective	4
	Humanities/Fine Arts (Bacc. Exp.)	4
	General Elective	4

Subtotal: 16

Note: The natural science and math components of the Baccalaureate Experience are fulfilled by courses in the above sequence (*i.e.*, BIO 198, CHE 152, MAT 260).