

Chemistry

Recommended Four-Year Plan (Fall 2017)

The recommended four-year plan is designed to provide a blueprint for students to complete their degrees within four years. Students must meet with their Major Advisor to develop a more individualized plan to complete their degree. This plan assumes that no developmental courses are required. If developmental courses are needed, students may have additional requirements to fulfill which are not listed in the plan and may extend degree completion.

NOTE: This recommended Four-Year Plan is applicable to students admitted into the major during the 2017-2018 academic year.

First Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
Gen Ed: INTD 101-First Year Seminar	4		CHEM 117 & CHEM 117L-General Chemistry II Lec & Lab	4+1	
Gen Ed: MATH 110-Pre-Calculus	4		MATH 121-Calculus I	4	
Gen Ed: CRWT 102-Critical Reading & Writing II	4		Gen Ed: History	4	
CHEM 116 & CHEM116L-General Chemistry I Lec & Lab	4+1		Gen Ed: AIID 201-Readings in Humanities	4	
Total:	17		Total:	17	

Second Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
CHEM 211 & CHEM 221L-Organic Chemistry I Lec & Lab	4+1		CHEM 213 & CHEM 213L-Organic Chemistry II Lec & Lab	4+1	
PHYS 116-Physics I w/ Calculus & PHYS 118L-Introductory Physics I Lab	4+1		PHYS 117-Physics II w/ Calculus & PHYS 119L-Introductory Physics II Lab	4+1	
MATH 122-Calculus II	4		MATH 225- Multivariable Calculus	4	
Gen Ed: Intercultural North America	4		Gen Ed: International Issues	4	
Total:	18		Total:	18	

Third Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
CHEM 324 & CHEM 324L-Quantitative Chemical Analysis Lec & Lab	4+1		CHEM 350 & CHEM 350L-Physical Chemistry I Lec & Lab	4+1.5	
Gen Ed: SOSC 101-Social Issues or BADM 115-Perspectives of Business & Society	4		CHEM 425-Biochemistry Lec	4	
CHEM Elective	4		Gen Ed: Topics in Arts & Humanities or Topics in Social Science	4	
Elective	4				
Total:	17		Total:	13.5	

Fourth Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
CHEM 352 & 352L-Physical Chemistry II Lec & Lab WI	4+1.5		CHEM 427 & 427L-Instrumental Analysis Lec & Lab WI	4+1.5	
CHEM Elective	4		CHEM 451 & 451L-Advanced Inorganic Chemistry Lec & Lab	4+1	
Elective	4		Elective	4	
Total:	13.5		Total:	14.5	

Total Credits Required: 128 credits

GPA: 2.0

WI: Writing Intensive-3 required in the major