

**Bachelor of Science in
Chemistry
(122 Cr.)
Four-Year Curriculum Plan**

Suggested four-year plan for freshmen entering LMU Fall semester. Always consult LMU's Undergraduate Catalog and discuss with your academic advisor every semester prior to registering for classes. Timing of courses may deviate from this plan based on several factors

Fall Courses — First Year	Cr
UACT 100 Strategies for College Success ^a	1
BIOL 111 General Biology I & Lab ^{ac}	4
ENGL 101 Composition I ^a	3
CHEM 111 General Chemistry I & Lab ^{ab}	4
MATH 150 Calculus I ^{ac}	4
Total Credits	16
- You should be exploring opportunities to participate in service initiatives. - Have you joined the Chemistry club?	

Spring Courses — First Year	Cr
LNCN 100 Lincoln's Life & Legacy ^a	1
ENGL 102 Composition II ^a	3
CHEM 112 General Chemistry II & Lab ^b	4
MATH 250 Calculus II ^c	4
BIOL 112 General Biology II & Lab ^c	4
Total Credits	16
Think about how you can explore career options during the summer	

Fall Courses — Second Year	Cr
HIST Requirement ^a	3
Ethics, Fine Arts, or Humanities ^a	3
Must be two different prefixes	
CHEM 221 Organic Chemistry I & Lab ^b	4
PHYS 211 General Physics I & Lab ^c	4
Total Credits	14
- Keep track of the number of 300/400 level courses you take. You need to complete at least 36 credits for graduation - You should be exploring opportunities to volunteer and get involved in activities on campus including leadership roles	

Spring Courses — Second Year	Cr
COMM 200 Fund Speech & Comm ^a	3
Ethics, Fine Arts, or Humanities ^a	3
Must be two different prefixes	
HIST Requirement ^a	3
CHEM 222 Organic Chemistry II & Lab ^b	4
PHYS 212 General Physics II & Lab ^c	4
Total Credits	17
Plan out your last four semesters – think about what classes you need to prepare for your entrance exam and required courses for graduate/professional school	

Fall Courses — Third Year	Cr
Behavioral/Social Sciences ^a	3
Any elective of your choice	3
CHEM 331 Quantitative & Instr. Analysis I and Lab ^b	4
CHEM 397/X JR Sc Sem and Writing ^b	1
BIOL 441 Biochemistry I ^c	4
Total Credits	15
Make plans to prepare and take graduate/professional school entrance exams (e.g. DAT, GRE, MCAT, PA-CAT, OAT)	

Spring Courses — Third Year	Cr
Any elective of your choice (300/400 level)	4
Any elective of your choice	3
CHEM 332 Quantitative & Instr. Analysis II and Lab ^b	4
CHEM 310 Math Methods in Chemistry ^b	3
Total Credits	14
- Explore and apply to summer internship opportunities. - Schedule your graduate/professional school entrance exams (e.g. DAT, GRE, MCAT, PA-CAT, OAT) date for the summer and begin studying	

Fall Courses — Fourth Year	Cr
CIVX 300 American Citizenship ^a	2
Any elective of your choice (300/400 level)	4
Any elective of your choice	6
CHEM 451 Physical Chemistry I and Lab ^b	4
Total Credits	16
- Complete the Intent to Graduate form during your Academic Advising Meeting. - Submit application to graduate/professional school - Participate in a research project	

Spring Courses — Fourth Year	Cr
Any elective of your choice	6
CHEM 452 Physical Chemistry II and Lab ^b	4
CHEM 497/Z Senior Science Sem and Writing ^b	1
CHEM 460 Inorganic Chemistry ^b	3
Total Credits	14
- Participate in a research project. Explore opportunities to present - Apply to jobs, if applicable	

a: LMU Core Curriculum Requirement: See LMU undergraduate catalog for details

b: Major-Specific Requirement: These courses must be passed with at least a C- or better to progress in the program.

c: Major Collateral Requirement: These courses must be passed with at least a C- or better to progress in the program.
See LMU catalog for specific pre-requisite and grade requirements.

Credit Hour Requirements

To graduate you need to complete a minimum of 122 credit hours. At least 36 of these hours must be at the 300/400 level. Track your hours in each of these categories as you progress to ensure timely completion of the program.

Semester	# of credit hours				Cumulative GPA
	Current semester	300/400	Total Earned (Add all semesters)	Total 300/400 (Add all semesters)	
1 st Yr. Fall					
1 st Yr. Spring					
2 nd Yr. Fall					
2 nd Yr. Spring					
3 rd Yr. Fall					
3 rd Yr. Spring					
4 th Yr. Fall					
4 th Yr. Spring					

Career Exploration

Career	Description	Career Preparation – Internship, research experience, coursework, etc	Career Qualifications
			BS
			MS
			PHD
			Certifications
			BS
			MS
			PHD
			Certifications
			BS
			MS
			PHD
			Certifications