

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 ^{ac}	4
MATH 150 Calculus I ^{ac}	4
Total Credits	16

- You should be exploring opportunities to participate in service initiatives.
- Have you joined the LMU Chemistry club?

Fall Courses — Second Year	Cr
COMM 200 Fund Speech & Comm ^a	3
Ethics elective ^{ac} (BUSN 250, PHIL 330, PHIL 430)	3
PHYS 211 General Physics I & Lab ^b	4
CHEM 221 Organic Chemistry I & Lab ^b	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

Fall Courses — Third Year	Cr
Behavioral/Social Sciences Elective ^a	3
Chemistry Major Electives (see back) ^b	4
CHEM 331 Quantitative & Instr. Analysis I and Lab ^b	4
CHEM 397/X JR Science Seminar/Writing ^{b/a}	1
BIOL 441 Biochemistry I ^b	4
Total Credits	16

- Make plans to prepare and take graduate/professional school entrance exams (e.g. DAT, GRE, MCAT, PA-CAT, OAT)

Fall Courses — Fourth Year	Cr
CIVX 300 American Citizenship ^a	2
Chemistry Major Electives (see back) ^b	4
Free Elective(s) – Any Course	3
CHEM 451 Physical Chemistry I and Lab ^b	4
HIST Requirement ^a	3
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 — First Year	Cr
LNCN 100 Lincoln's Life & Legacy ^a	1
ENGL 102 Composition II ^a	3
CHEM 112 General Chemistry II & Lab ^c	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

Spring Courses — Second Year	Cr
CHEM 310 Math Methods in Chemistry ^b	3
Ethics, Fine Arts, or Humanities ^a	3
<small>Must be different prefix from ethics req.</small>	
CHEM 222 Organic Chemistry II & Lab ^b	4
PHYS 212 General Physics II & Lab ^b	4
Total Credits	14

- 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

Spring Courses — Third Year	Cr
Free Elective(s) – Any Course	3
Chemistry Major Electives (see back) ^b	4
CHEM 332 Quantitative & Instr. Analysis II and Lab ^b	4
HIST Requirement ^a	3
CHEM 483 Research in Chemistry ^b	2
Total Credits	16

- 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

Spring Courses — Fourth Year	Cr
Free Elective(s) – Any Course	6
CHEM 452 Physical Chemistry II and Lab ^b	4
CHEM 497/Z SR Science Seminar/Writing ^{b/a}	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.



Chemistry Major Electives		Cr.
Select 12 total credit hours from the following courses If there is a corequisite lab, students must take the lab		
BIOL 310 Comparative Hum/Ver Anatomy		4
BIOL 320 Principles of Botany		4
BIOL 336 General Microbiology		4
BIOL 380 Research Design & Analysis		3
BIOL 410 Evolution		3
BIOL 442 Biochemistry II and lab		3-4
BIOL 450 Molecular Cell Biology		3
CHEM 498 Internship in Chemistry		1-6
BIOL/CHEM 395/495 Special Topics		2-3
CBIO 250 Soils		4
MATH 380 Geometry		3
MATH 255 Calculus III		4
MATH 260 Elementary Linear Algebra		3
MATH 300 Intro to Advanced Math		3
MATH 350 Differential Equations		3
MATH 365 Linear Algebra		3
MATH 370 Mathematical Probability & Statistics		3
MATH 450 Introduction to Real Analysis		3
MATH 460 Modern Algebra		3

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