

Fall Courses — First Year	Cr.
ENGL 101 Composition I*	3
UACT 100 Strategies for College Success*	2
BIOL 111 General Biology I & Lab*#	4
Prerequisite: Successful Completion (C- or better) BIOL 100, placement in ENGL 101, OR ACT/SAT reading/verbal score of 23	
CHEM 111 General Chemistry I & Lab#	4
Prerequisite: Successful completion (C- or better) of Math 105, 115, or 120, OR Math ACT sub-score of 23 higher, Fall	
MATH 150 Calculus I#*	4
Prerequisite: Successful completion (C- or better) of MATH 120 or ACT sub-score of 26 or higher	

**Total Credits 17**

- You should be exploring opportunities to participate in service initiatives.
- Have you joined a club? Think about the Chemistry Club

Fall Courses — Second Year	Cr.
Free Elective	3
CHEM 221 Organic Chemistry I & Lab#	4
Prerequisite: Successful completion (C- or better) of CHEM 112 with lab, Fall	
PHYS 211 General Physics I & Lab#	4
Prerequisite: Successful completion (C- or better) in MATH 120, or a Math ACT sub-score of 26 or higher, Fall	
HIST Requirement*	3

**Total Credits 16**

- Keep track of the number of 300/400 level courses you take. You need to complete at least 42 credits for graduation
- You should be exploring career opportunities and internships

Fall Courses — Third Year	Cr.
CHEM 331 Quantitative & Instrum. Analysis#	3
Prerequisites: Successful completion (C- or better) of CHEM 221 with lab, Fall	
CHEM 397 JR Sc Sem and Writing#	1
Prerequisites: Successful completion (C- or better) of ENGL 102 or equivalent	
ENGL 240, 250 or 260*	3
BIOL 441 Biochemistry#	4
Prerequisites: Successful completion (C- or better) of BIOL 111 and CHEM 111 and CHEM 112 with labs	
CHEM 310 Math Methods in Chemistry#	4
Prerequisites: Successful completion (C- or better) of MATH 150, 250, Fall	

**Total Credits 15**

- Explore opportunities for internships or research experiences
- Explore career interest and determine qualifications. Begin to plan how you will obtain these qualifications

Fall Courses — Fourth Year	Cr.
LNCN 300 American Citizenship*	1
Free Elective	3
CHEM 451 Physical Chemistry I#	4
Prerequisite: Successful completion (C- or better) of CHEM 112, Fall	
Fine Art, Humanities or Ethics#	3
Social/Behavioral Science Requirement*	3

**Total Credits 15**

- Complete the Intent to Graduate form during your Academic Advising Meeting.
- Apply to graduate/professional program, if applicable
- Look for opportunities to present research
- Explore job opportunities in your career

Spring Courses — First Year	Cr.
ENGL 102 Composition II*	3
LNCN 100 Lincoln's Life & Legacy*	1
BIOL 112 General Biology II & Lab*#	4
Prerequisite: Successful completion (C- or better) of BIOL 111 with lab	
CHEM 112 General Chemistry II & Lab*#	4
Prerequisite: Successful completion (C- or better) of CHEM 111, Spring	
MATH 250 Calculus II#	5
Prerequisite: successful completion (C- or better) of MATH 150	

**Total Credits 17**

- Think about how you can explore career options during the summer

Spring Courses — Second Year	Cr.
HIST Requirement*	3
ISYS 100 Computer Literacy*	2
CHEM 222 Organic Chemistry II & Lab#	4
Prerequisite: Successful completion (C- or better) of CHEM 221 with lab, Spring	
PHYS 212 General Physics II & Lab#	4
Prerequisite: Successful completion (grade of C- or better) in PHYS 211 with lab, Spring	
Free Elective	4

**Total Credits 17**

- Narrow down career options. Gather information on what is needed to achieve those careers, i.e. internships, experience, professional/graduate school (will require an entrance exam)

Spring Courses — Third Year	Cr.
CHEM 332 Quantitative & Instrumental Analysis#	3
Prerequisites: Successful completion (C- or better) of CHEM 221, CHEM 331, Spring	
COMM 200 Fund Speech & Communication*	3
Free Elective 300/400 level	4
Free Elective 300/400 level	4

**Total Credits 15**

- Apply for summer internships or research experiences.
- Make plans to study for and take professional/graduate school entrance exams, if applicable

Spring Courses — Fourth Year	Cr.
CHEM 452 Physical Chemistry II#	3
Prerequisites: Successful Completion (C- or better) of CHEM 451, Spring	
CHEM 460 Inorganic Chemistry#	3
Prerequisites: Successful Completion (C- or better) of CHEM 111 and CHEM 112, Spring	
CHEM 497 Senior Science Seminar#	1
Fine Arts Requirement*	3
Social/Behavioral Science Requirement*	3
Free Elective	3

**Total Credits 16**

\*LMU Core Curriculum Requirement: See LMU undergraduate catalog for details

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

**Useful Contacts**

Title	Name	Email	Phone number
Chair, Department of Chemistry	Dr. Stephen Everly	<a href="mailto:Stephen.Everly@Imunet.edu">Stephen.Everly@Imunet.edu</a>	423.869.6472
Academic Support & Tutoring	Tagge Center	<a href="mailto:Taggecenter@Imunet.edu">Taggecenter@Imunet.edu</a>	423.869.6310
Student Counseling	Jessica Parker	<a href="mailto:Jessica.Parker@Imunet.edu">Jessica.Parker@Imunet.edu</a>	423.869.6277
Career Services Counselor	Jennifer Butcher	<a href="mailto:Jennifer.Butcher@Imunet.edu">Jennifer.Butcher@Imunet.edu</a>	423.869.6679
Student Success Coordinator	John Morgan	<a href="mailto:John.Morgan02@Imunet.edu">John.Morgan02@Imunet.edu</a>	423.489.7251

**Credit Hour Requirements**

In order to graduate you need to complete a minimum of 128 credit hours. At least 42 of these hours must be at the 300/400 level. It is recommended that you track your hours in each of these categories as you progress.

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