

Bachelor of Science in Chemistry Education Track (125 Cr.) Four-Year Curriculum Plan



Fall Courses — First Year	Cr
UACT 100 Strategies for College Success ^a	1
LNCN 100 Lincoln's Life & Legacy ^a	1
BIOL 111 General Biology I & Lab ^a	4
ENGL 101 Composition I ^a	3
CHEM 111 General Chemistry I & Labab	4
MATH 150 Calculus I ^{ac}	4

Total Credits 17

 You should be exploring opportunities to participate in service

Fall Courses — Second Year	Cr
PSYC 221 Childhood & Adolescent Devel.ac	3
EDUC 210 Instr. Tech & Learning Res.b	2
COMM 200 Fund Speech & Comm ^a	3
CHEM 221 Organic Chemistry I & Lab ^b	4
PHYS 211 General Physics I & Lab ^c	4
Total Credits	16

Keep track of the number of 300/400 level courses you take. You need to complete
at least 36 credits for graduation.

Fall Courses — Third Year	Cr
EDUC 360 Sec. Inst. Methods & Strat.b	3
CHEM 331 Quantitative & Instr. Analysis I and	4
Lab ^b	
CHEM 397/X JR Sc Sem and Writing ^b	1
BIOL 441 Biochemistry I ^c	4
PSYC 370 Educational Psychology ^c	3
Ethics, Fine Arts, or Humanities ^a Must be two different prefixes	3

Begin preparation for taking the PRAXIS

Fall Courses — Fourth Year	Cr
EDUC 380 Literacy in Secondary Education ^b	2
EDUC 480 Pre-Clinical Experience ^b	2
CHEM 451 Physical Chemistry I and Lab ^b	4
CHEM 497/Z Senior Science Sem and Writing ^b	1
HIST Requirement ^a	3
CIVX 300 American Citizenship ^a	2
Total Credits	14

Spring Courses — First Year	Cr
EDUC 290 The Teaching Profession ^b	3
BIOL 112 General Biology II & Lab Pre-reg for BIOL 441	4
ENGL 102 Composition II ^a	3
CHEM 112 General Chemistry II & Labb	4
MATH 250 Calculus II ^c	4

	Iotal Credits 18
•	While enrolled in EDUC 290 students will apply for admission to the teacher licensure
	program.

Spring Courses — Second Year	Cr
SPED 320 Differentiated Instruction ^b	3
HIST Requirement ^a	3
Ethics, Fine Arts, or Humanities ^a Must be two different prefixes	3
CHEM 222 Organic Chemistry II & Lab ^b	4
PHYS 212 General Physics II & Lab ^c	4
Total Credits	17

Spring Courses — Third Year	Cr
EDUC 370 Measurement and Evaluation ^b	2
STEM 460 Secondary Math & Science	3
Instruction ^b	
EDUC 390 Learning about Learners ^b	2
CHEM 310 Math Methods in Chemistry ^b	3
CHEM 332 Quantitative & Instr. Analysis II	4
and Lab ^b	
CHEM 460 Inorganic Chemistry ^b	3

Spring Courses — Fourth Year	Cr
EDUC 497 Enhanced Clinical Practice ^b	9
EDUC 497F Enhanced Clinical Practice	3
Seminar ^b	

Total Credits 12

Total Credits

17

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

Total Credits

18

- 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.

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



Bachelor of Science in Chemistry Education Track (125 Cr.) Four-Year Curriculum Plan



Clinical Hours Tracker	Required	Completed
SPED 320 Characteristics and Comm. of Students with Severe Disabilities	10 hours	
EDUC 290 The Teaching Profession	10 hours	
EDUC 360 Secondary Instructional Methods & Strategies	30 hours	
EDUC 370 Measurement and Evaluation	20 hours	
EDUC 380 Literacy Across Secondary Curricula	30 hours	
EDUC 480 Pre-Clinical Experience	50 hours	

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.

	# of credit hours				Cumulative
Semester	Current semester	300/400	Total Earned (Add all semesters)	Total 300/400 (Add all semesters)	GPA
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					

Useful Contacts			
Title	Name	Email	Phone number
Chair, Department of Biology & Chemistry	Dr. Barbara Shock	Barbara.Shock@lmunet.edu	423.869.7180
Director of Undergrad Education	Dr. Chessica Cave	Chessica.Cave@lmunet.edu	423.869.6478
Academic Support Assistant for Education	Cathy Dunn	Cathy.Dunn@lmunet.edu	423.869.2542
Tagge Center (Tutoring)	Stephanie Wright	Stephanie.Wright03@lmunet.edu	423.869.6310
Student Counseling	Jessica Parker	Jessica.Parker@lmunet.edu	423.869.6277
Career Service	Tanya Vincent	Tanya.Vincent@lmunet.edu	423.869.6679