

LMU
School of Mathematics & Sciences
LINCOLN MEMORIAL UNIVERSITY

Bachelor of Science
Chemical Physics Secondary Education
Four Year Curriculum Plan

The following is a suggested four year plan of study for freshmen entering LMU during the 2019-2020 academic year. Transfer students should contact the department chair to determine how their credits will apply. This plan is to be used in conjunction with the university catalog & advice of the faculty advisor. Courses on the plan may be taken in semesters other than those listed based upon availability & course placement. This plan meets LMU's Liberal Art Common Core requirements, major requirements & 300/400 level course requirements. For more information refer to the Undergraduate Course Catalog or your advisor.

First Year

Fall	
CHEM 111 General Chemistry I w/Lab	4
MATH 150 Calculus I	4
ENGL 101 Composition 1	3
EDUC 210 Instructional Tech. & Learning Res.	2
UACT 100 Strategies for College Success	2
LNCH 100 Lincoln's Life & Legacy	1
TOTAL	16

Spring	
CHEM 112 General Chemistry II w/Lab	4
MATH 250 Calculus II	4
ENGL 102 Composition 2	3
PSYC 221 Child & Adolescent Development	3
Elective	3
TOTAL	17

Second Year

Fall	
PHYS 211 General Physics I w/Lab	4
PHYS 215 Applic. of Calculus to Gen. Physics	1
HIST 121 or 131	3
CHEM 221 Organic Chemistry I w/Lab	4
EDUC 290 The Teaching Profession	3
TOTAL	15

Spring	
PHYS 212 General Physics II w/Lab	4
PHYS 216 Applic. of Calculus to Gen. Physics	1
HIST 122 or 132	3
CHEM 222 Organic Chemistry II w/Lab	4
SPED 320 K-12 Differentiated Learning	3
EDUC 360 Sec. Instruct. Methods & Strategies	2
TOTAL	17

Third Year

Fall	
CHEM 331 Quant. & Instrumental Analy. I	4
EDUC 370 Measurement & Evaluation	3
ENGL 240, 250, or 260	3
PSYC 370 Educational Psychology	3
PHYS 320 Modern Physics	3
TOTAL	16

Spring	
CHEM 397 Junior Science Seminar	1
COMM 200 Fund. of Speech Communication	3
Elective	3
Soc./Behav. Science Requirement	3
LNCH 300 American Citizenship	1
EDUC 380- Literacy in Secondary Education	2
Fine Art Requirement	3
TOTAL	16

Fourth Year

Fall	
PHYS 350 Introduction to Electronics	3
STEM 460 Meth. of Sec. Math. & Nat. Sci. Instr.	3
EDUC 480 Pre-Clinical Experience	2
EDUC 390 Diversity in Today's Classroom	2
Fine Art /Humanities/Ethics Requirement	3
Soc./Behav. Science Requirement	3
CHEM 497 Senior Science Seminar	1
TOTAL	17

Spring	
EDUC 497 Enhanced Clinical Pract.	9
EDUC 497F Enhanced Clinical Pract. Seminar	3
TOTAL	12

edTPA
Praxis II Requirements:
 5245 Chemistry Content Knowledge &
 5265 Physics Content Knowledge

Total Hours 126

Please note: All Students in teacher licensure programs are required to apply for admission to the teacher licensure program while enrolled in EDUC 290, The Teaching Profession. Students will begin taking Praxis II exams near the end of the Junior year. Formal Admission is required prior to enrolling in EDUC 480, Pre-Clinical Experience. All Praxis II requirements and program criteria must be met prior to registration for EDUC 497, Enhanced Clinical Practice and Seminar. Revised 6/2019