

**Four-Year Plan
Chemistry (BS) Teacher Licensure (6-12) (CHEME.BS)**

The following is a suggested four-year plan of study for freshmen entering LMU during the 2019-2020 academic year. This plan should be used in conjunction with the University catalog and in consultation with the faculty advisor. Transfer students should contact their advisor if they have questions regarding transfer credit. Courses listed on the four-year plan may be taken during other semesters, based on availability and course placement. This plan meets LMU's general education (Liberal Arts Common Core) requirements, major requirements and 300/400 level course requirements. *Lincoln Memorial University reserves the right to adjust at any time its Initial Teacher Licensure Undergraduate Program requirements to comply with changes mandated by the State Board of Education.*

Note: In order to graduate in four years (eight regular semesters) the student must average passing 16/17 hours per semester

First Year

Fall

ENGL 101 Composition 1	3
CHEM 111 General Chemistry I	4
BIOL 111 General Biology I	4
MATH 150 Calculus I	4
UACT 100 Strategies for College Success	2
LNCN 100 Lincoln's Life and Legacy	1
TOTAL	18

Spring

CHEM 112 General Chemistry II & Lab	4
Behavioral/Social Science Requirement	3
ENGL 102 Composition 2	3
MATH 250 Calculus II	4
History Sequence Requirement (121 or 131)	3
TOTAL	17

Second Year

Fall

PHYS 211 General Physics I & Lab	4
CHEM 221 Organic Chemistry I & Lab	4
Fine Arts Requirement	3
ENGL 240, 250, or 260	3
COMM 200 Fund of Speech Comm.	3
TOTAL	17

Spring

PHYS 212 General Physics II & Lab	4
CHEM 222 Organic Chemistry II & Lab	4
Fine Arts, Humanities, or Ethics	3
PSYC 221 Child & Adolescent Development	3
History Sequence Req. Part II (122 or 132)	3
TOTAL	17

Third Year

Fall

CHEM 331 Quantitative & Instrumental Analy.*	4
CHEM 397 Junior Science Seminar*	1
EDUC 210 Instructional Technology*	2
BIOL 441 Biochemistry I*	4
SPED 320 K-12 Differential Learners	3
EDUC 290 The Teaching Profession*	3
TOTAL	17

Spring

CHEM 310 Math. Methods in Chemistry*	3
CHEM 332 Quant. & Instrumental Analy. II*	4
CHEM 460 Inorganic Chemistry*	3
STEM 460 Meth. of Sec. Math & Nat. Sci. Educ.*	3
EDUC 390 Diversity in Today's Classroom*	2
LNCN 300 American Citizenship	1
TOTAL	16

Fall

CHEM 451 Physical Chemistry I	4
CHEM 497 Senior Science Seminar	1
EDUC 380 - Literacy in Secondary Education	2
EDUC 370 Measurement & Evaluation	3
EDUC 480 Pre-Clinical Experience	2
EDUC 360 Secondary Instructional Methods	2
PSYC 370 Educational Psychology	3
TOTAL	17

Fourth Year

Spring

EDUC 497 Enhanced Clinical Practice	9
EDUC 497F Seminar	3
TOTAL	12

edTPA
Praxis II Requirements:
5245 - Chemistry Content Knowledge

TOTAL 131

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