

**Four-Year Plan  
Special Education BS Teacher Licensure Interventionist K-8 (SPEDI.BS)**

The following is a suggested four-year plan of study for freshmen entering LMU during the 2024-2025 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**

History Requirement	3
ENGL 101 Composition 1	3
Mathematics Requirement	3
UACT 100 Strategies for College Success	1
Natural/Physical Science Requirement	4
LNCN 100 Lincoln's Life and Legacy	1
<b>TOTAL</b>	<b>15</b>

**Spring**

History Requirement	3
COMM 200 Fund of Speech Comm.	3
PSYC 221 Child & Adolescent Development	3
Humanities/Ethics/Fine Arts Requirement	3
Natural/Physical Science Requirement	4
<b>TOTAL</b>	<b>16</b>

**Second Year**

**Fall**

ENGL 102 Composition 2	3
Humanities/Ethics/Fine Arts Requirement	3
PSYC 370 Educational Psychology	3
EDUC 210 Instructional Tech. and Learn Res	2
Electives	3
EDUC 290 The Teaching Profession	3
<b>TOTAL</b>	<b>17</b>

**Spring**

Electives	3
CDEV 350 Teaching Elem. Children	3
Sped 180 IEP Development and Assessment	3
SPED210 Managing Academic Social Behavior	3
SPED 270 Teaching the Exceptional Learner	2
<b>TOTAL</b>	<b>14</b>

**Third Year**

**Fall**

SPED 320 K-12 Differentiated Instruction	3
EDUC 376/X Fundamentals of Literacy	3
EDUC 330 Health & PE for Elementary	3
Electives	4
SPED 190 Professional Partnerships	3
<b>TOTAL</b>	<b>16</b>

**Spring**

EDUC 356 Meth. of Teaching Elementary Sci/SS	4
SPED 340 Char. of Stu. with High Inc. Disabilities	3
EDUC 420 Reading Diagnosis	3
EDUC 390 Diversity in Today's Classroom	2
EDUC 440 Methods of Teaching Literacy	3
CIVX 300 American Civics	2
<b>TOTAL</b>	<b>17</b>

**Fourth Year**

**Fall**

EDUC 480 Pre-Clinical Experience	2
EDUC 340 Instructional & Assessment Strateg	3
EDUC 450 Meth. of Teaching Elementary Math	3
EDUC 414/Z Research and Tech. Writing in Educ	1
SPED 400 Meth. of Literacy, Language, and Comm.	3
SPED 490 Research to Practice in Spec. Educ. Seminar	3
<b>TOTAL</b>	<b>15</b>

**Spring**

EDUC 497 Enhanced Clinical Practice	9
EDUC 497F Seminar	3
<b>TOTAL</b>	<b>12</b>

**edTPA**

**Praxis II Requirements:**

5205 Teaching Reading: Elementary  
5543 SPED Core Knowledge

**TOTAL 122**

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 1/2024

**CHEM 111 General Chemistry I & Lab (4 cr hrs)**

Study of atoms and molecules. Emphasis on the bonding, chemistry, and thermodynamics of relatively simple substances. Prerequisite for CHEM 111 is (1) Math ACT of 21 or higher or (2) successful (C- or better) grade in MATH 105. FALL

**CHEM 112 General Chemistry II & Lab (4 cr hrs)**

Study of atoms and molecules. Emphasis on the bonding, chemistry, and thermodynamics of relatively simple substances. SPRING

**CHEM 221 Organic Chemistry I & Lab (4 cr hrs)**

Study of the compounds of carbon. The common organic functional groups with emphasis on structure, properties reactions, synthesis, and mechanism. Co-requisite: CHEM 221 lab, 1 credit hour. FALL

**CHEM 222 Organic Chemistry II & Lab**

Study of the compounds of carbon. The common organic functional groups with emphasis on structure, properties reactions, synthesis, and mechanism. Co-requisite: CHEM 222 lab, 1 credit hour. SPRING

**ENGL 101 Composition 1****CHEM 331 Quantitative & Instrumental Analy. (2 cr hrs)**

Basic theory and practice of quantitative and instrumental chemical analysis and chemical equilibrium.

Laboratory work covering gravimet ENGL102 Composition 2

CHEM 331 is successful completion of CHEM 221 with a grade of C- or better. FALL ALTERNATE YEARS

**CHEM 397 Junior Science Seminar (1 cr hr)**

The student plans a science topic inquiry, either through original or library research. Requires a progress report or literature review paper and oral presentation of findings. SPRING and FALL.

**CHEM 310 Math. Methods in Chemistry (4 cr hrs)**

A course designed to give the student sufficient background in mathematical methods required for completion of the analytical, physical, and inorganic chemistry sequences. Course discussion will include review of transcendental functions, differential and integral calculus, numerical methods, linear algebra, differential equations, and functions of several variables. FALL

**CHEM 332 Quant. & Instrumental Analy. II**

Basic theory and practice of quantitative and instrumental chemical analysis and chemical equilibrium.

Laboratory work covering gravimetric, instrumental, and volumetric analyses. Prerequisite for enrollment in CHEM 332 is successful completion of CHEM 331 with a grade of C- or better. SPRING ALTERNATE YEARS

**ENGL 240, 250, or 260**

Use the periodic table to show variation of physical and chemical properties of the elements. Elements studied as families. Properties such as acid-base, redox, and coordination compounds are related to the position of the element in the periodic table. Prerequisite: CHEM 111, 112 with labs. Highly recommended: CHEM 310, 451-452. SPRING.

**CHEM 451 Physical Chemistry I & Lab (4 cr hrs)**

Energy relationships in chemical reactions; elementary quantum mechanics of chemical systems; elementary chemical kinetics. FALL

**CHEM 497 Senior Science Seminar (1 cr hr)**

Methods of literature search and sources of information in the sciences. Requires a research paper on a topic in chemical science. Prerequisite: completion of all 300 level program requirements. SPRING and FALL.

**STEM 460 Meth. of Sec. Math & Nat. Sci. Educ.**

This course will address focused aspects of the STEM disciplines for effective secondary classroom and laboratory instruction. Topics will include contemporary state and national math and natural science learning standards, lab safety, learning experiences, and writing real-world problems and application exercises. The literature of STEM instruction and the use of demonstrations are the focus of the projects. A portion of instructional time will be in science lab settings. Prerequisites: MATH150 and both general education natural science courses.