

Bachelor of Science in Mathematics Secondary Education Track ACT < 26 (122 hours) Fall 2023! Four-Year Curriculum Plan



First Year — Fall Semester	Cr.
History Requirement*	3
ENGL 101 Composition I*	3
LNCN 100 Lincoln's Life & Legacy*	1
UACT 100 Strategies for College Success*	1
PSYC 100 Intro to Psychology*#	3
MATH 120 Trigonometry*#	3
Prerequisite: Successful completion (C- or better) of MATH 115 or ACT subscore of 23 or higher or Mathematics SAT score of 560 or higher.	

Total Credits	14
You should be exploring opportunities to participate in service initiatives.	
Second Year — Fall Semester	Cr.
Natural Science Requirement*	4
COMM 200 Fund Speech & Comm.*	3
EDUC 210 Instr. Tech & Learning Res.#	2
MATH 250 Calculus II [#]	4
Prerequisite: Successful completion (C- or better) of MATH 150	
MATH 260 Elementary Linear Algebra#	3
Prerequisite: Successful completion (C- or better) of MATH 150	

Total Credits 16

•	Keep track of the number of 300/400 level courses you take. You need to
	complete at least 26 and the for and dustion

Third Year— Fall Semester	Cr.
Fine Arts Requirement*	3
EDUC 390 Diversity in Today's Class [#] Prerequisite: Successful completion (C- or better) of EDUC 290 and 210	2
MATH 300 Introduction to Adv. Math [#] Prerequisite: Successful completion (C- or better) of MATH 250	3
EDUC 380 Literacy Across Secondary Curricula#	2
MATH 370 Mathematical Prob. & Stat. * Prerequisite: Successful completion (C- or better) of MATH 250	3
PSYC 370 Educational Psychology# Prerequisite: Successful completion (C- or better) of PSYC 221	3
Total Credits	16

•	Meet with your EDUC advisor to discuss preparation for the PRAXIS exam.

Fourth Year — Fall Semester	Cr.
MATH 460 Modern Algebra#	3
Prerequisite: Successful completion (C- or better) of MATH 300 or better	
MATH 470 Mathematics in Secondary	3
Class	
Prerequisite: Successful completion (C- or better) of Math 300 and acceptance into the School of Education's Initial Licensure program	
EDUC 370 Measurement & Evaluation#	2
EDUC 360 Sec. Instr. Methods & Strat.#	3
EDUC 480 Pre-Clinical Experience#	2
MATH Elective Course (300-499)#	3
See page 2 for choices	

Total Credits 16

First Year — Spring Semester	Cr.
History Requirement*	3
Humanities/Ethics requirement*	4
ENGL 102 Composition II*	3
COSC 160 Computer Science I [#] Prerequisite: Successful completion (C- or better) of MATH 115 or ACT sub-score of 23 or higher	3
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
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Second rear — Spring Semester	Cr.
Second Year — Spring Semester Natural Science Requirement*	Cr. 4
Natural Science Requirement*	4
Natural Science Requirement* EDUC 290 The Teaching Profession#	3
Natural Science Requirement* EDUC 290 The Teaching Profession* PSYC 221 Childhood & Adolescent Devel.*	3 3

Third Year — Spring Semester	Cr.
CIVX 300 American Civics*	2
MATH 320 Discrete Math#	3
Prerequisite: Successful completion (C- or better) of MATH 255 or permission of instructor	
MATH 380 Geometry#	3
Prerequisite: Successful completion (C- or better) of MATH 300.	
MATH 390 History of Math [#]	3
Prerequisite: Successful completion (C- or better) of Math 300.	
SPED 320 Differentiated Instruction#	3
Prerequisite: Successful completion (C- or better) of EDUC 290, 210	
STEM 460 Secondary Math & Sci.	3
Instruction [#]	
Prerequisite: Successful completion (C- or better) of MATH 150 and both natural	

Fourth Year — Spring Semester	Cr.
EDUC 497 Enhanced Clinical Practice#	9
EDUC 497 Seminar course#	3
Total Credits	12

Total Credits

17

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

Four-year plan: 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 a number of factors.

Complete the Intent to Graduate form during your Academic Advising Meeting.
 Prerequisite for EDUC: Successful completion (C- or better) of EDUC 290 and EDUC 210

Upper-Level Track Electives			
MATH 350 Differential Equations	3		
Prerequisite: Successful completion (C- or better) of MATH 250	<u> </u>		
MATH 365 Linear Algebra	3		
Prerequisite: Successful completion (C- or better) of MATH 260 and MATH 300.			
MATH 450 Introduction to Real Analysis	3		
Prerequisite: Successful completion (C- or better) of Math 300.			
MATH 440 Construction of the Real Number System	3		
Prerequisite: Successful completion (C- or better) of Math 300.			

Clinical Hours Tracking			
Course	Required	Completed	
SPED 320 K-12 Differentiated Instruction	10 hours		
EDUC 290 The Teaching Profession	10 hours		
EDUC 360 Secondary Instructional Methods & Strategies	30 hours		
EDUC 370 Measurement & Evaluation	20 hours		
EDUC 380 Literacy Across Secondary Curricula	30 hours		
EDUC 480 Pre-Clinical Experience	50 hours		

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.

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