

## Bachelor of Science in Mathematics Secondary Education Track ACT ≥ 26 (128 hours) Fall 2020! Four-Year Curriculum Plan



First Year — Fall Semester	Cr.
History Requirement*	3
ENGL 101 Composition I*	3
UACT 100 Strategies for College Success*	2
PSYC 100 Intro to Psychology*#	3
MATH 150 Calculus I*#	4
Prerequisite: Successful completion (C- or better) of MATH 120 or ACT subscore of 26 or higher	
Total Credits	15
<ul> <li>You should be exploring opportunities to participate in service initiatives.</li> </ul>	

Second Year — Fall Semester	Cr.
Fine Arts Requirement*	3
Gen. Elective- Any course of your choice	1-2
Natural Science Requirement*	4
MATH 260 Elementary Linear Algebra <sup>#</sup> Prerequisite: Successful completion (C- or better) of MATH 150	3
EDUC 210 Instr. Tech & Learning Res.#	2
EDUC 290 The Teaching Profession#	3

## **Total Credits** 16/17

 Keep track of the number of 300/400 level courses you take. You need to complete at least 42 credits for graduation

Third Year— Fall Semester	Cr.
Gen. Elective - Any course of your choice	3
EDUC 380 Literacy across Sec. Curricula#	2
EDUC 390 Diversity in Today's Class# Prerequisite: Successful completion (C- or better) of EDUC 290 and EDUC 210	2
MATH 300 Introduction to Adv. Math <sup>#</sup> Prerequisite: Successful completion (C- or better) of MATH 250	3
MATH 370 Mathematical Prob. & Stat.# Prerequisite: Successful completion (C- or better) of MATH 250	3
PSYC 370 Educational Psychology <sup>#</sup> Prerequisite: Successful completion (C- or better) of PSYC 221	3
Total Credits	16

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

## **Total Credits 16**

- 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

First Year — Spring Semester	Cr.
History Requirement*	3
Humanities/Ethics requirement*	3
ENGL 102 Composition II*	3
LNCN 100 Lincoln's Life & Legacy*	1
COSC 160 Computer Science I <sup>#</sup> Prerequisite: Successful completion (C- or better) of MATH 115 or ACT sub-score of 23 or higher	3
MATH 250 Calculus II <sup>#</sup> Prerequisite: Successful completion (C- or better) of MATH 150	4
Total Credits	17

Second Year — Spring Semester	Cr.
Natural Science Requirement*	4
COMM 200 Fund Speech & Communication*	3
ENGL 240, 250 or 260 <sup>*</sup>	3
MATH 255 Calculus III <sup>#</sup>	4
Prerequisite: Successful completion (C- or better) of MATH 250	
PSYC 221 Childhood & Adolescent Devel.#	3
Total Credits	17

<ul> <li>Keep track of the number of hours you are co</li> </ul>	mnleting in service

Be sure to discuss any plans to take summer classes with your Advisor.

Third Year — Spring Semester	Cr.
LNCN 300 American Citizenship*	1
MATH 320 Discrete Math <sup>#</sup> Prerequisite: Successful completion (C- or better) of MATH 255 or permission of instructor	3
MATH 380 Geometry <sup>#</sup> Prerequisite: Successful completion (C- or better) of MATH 300.	3
MATH 390 History of Math <sup>#</sup> Prerequisite: Successful completion (C- or better) of Math 300.	3
STEM 460 Sec. Math & Science Instruction <sup>#</sup> Prerequisite: Successful completion (C- or better) of MATH 150 and both natural sciences	3
SPED 320 Differentiated Instruction# Prerequisite: Successful completion (C- or better) of EDUC 290, 210 and SPED 270	3
Total Credits	16

Fourth Year — Spring Semester		
General Elective-Any course of your choice	3	
EDUC 497 Enhanced Clinical Practice#	9	
EDUC 497 Seminar Course#		
Total Credits	15	
Elective must be online or night-time course		

# Major-Specific Requirement/Collateral Requirement: These courses must be passed with at least a C- or better to progress in the program. See LMU catalog for specific grade requirements.

<sup>\*</sup>LMU Core Curriculum Requirement: See LMU undergraduate catalog for details

Upper-Level Track Electives		
MATH 350 Differential Equations	3	
Prerequisite: Successful completion (C- or better) of MATH 250		
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	3	
Number System		
Prerequisite: Successful completion (C- or better) of Math 300.		

'Four-year plan: Suggested four-year plan for freshmen entering LMU Fall 2020. 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

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	
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## **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.

Semester	Current semester	300/400	Total Earned (Add all semesters)	Total 300/400 (Add all semesters)	Cumulative GPA
1 <sup>st</sup> Yr. Fall					
1 <sup>st</sup> Yr. Spring					
2 <sup>nd</sup> Yr. Fall					
2 <sup>nd</sup> Yr. Spring					
3 <sup>rd</sup> Yr. Fall					
3 <sup>rd</sup> Yr. Spring					
4 <sup>th</sup> Yr. Fall					
4 <sup>th</sup> Yr. Spring					

Useful Contacts					
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