



College of Mathematics,
Sciences & Health Professions
LINCOLN MEMORIAL UNIVERSITY

Bachelor of Science in
Mathematics
Non-Education ACT ≥ 26
(122 Cr.)
Four-Year Curriculum 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 several factors

| Fall Courses — First Year | Cr |
|--|-----------|
| UACT 100 Strategies for College Success ^a | 1 |
| LNCN 100 Lincoln's Life & Legacy ^a | 1 |
| ENGL 101 Composition I ^a | 3 |
| HIST Requirement ^a | 3 |
| Natural Science Requirement ^a | 4 |
| MATH 150 Calculus I ^{ab} | 4 |
| Total Credits | 16 |
| <ul style="list-style-type: none"> You should be exploring opportunities to participate in service initiatives. | |

| Spring Courses — First Year | Cr |
|---|-----------|
| HIST Requirement ^a | 3 |
| Ethics, Fine Arts, or Humanities ^a | 3 |
| Must be two separate prefixes | |
| ENGL 102 Composition II ^a | 3 |
| Natural Science Requirement ^a | 4 |
| MATH 250 Calculus II ^b | 4 |
| Total Credits | 17 |

| Fall Courses — Second Year | Cr |
|--|-----------|
| Ethics, Fine Arts, or Humanities ^a | 3 |
| Must be two separate prefixes | |
| COMM 200 Fund Speech & Comm ^a | 3 |
| MATH 260 Elementary Linear Algebra ^b | 3 |
| Total Credits | 15 |
| <ul style="list-style-type: none"> Keep track of the number of 300/400 level courses you take. You need to complete at least 36 credits for graduation Explore career interest and determine qualifications (i.e. internships, experience, professional/graduate school) | |

| Spring Courses — Second Year | Cr |
|---|-----------|
| COSC 160 Computer Science I ^c | 3 |
| Behavioral/Social Sciences ^a | 3 |
| MATH 255 Calculus III ^b | 4 |
| Any electives of your choice | 6 |
| Total Credits | 16 |
| <ul style="list-style-type: none"> Narrow down career options and begin to plan how you will obtain qualifications | |

| Fall Courses — Third Year | Cr |
|---|-----------|
| MATH 300 Introduction to Adv. Math ^b | 3 |
| MATH 350 Differential Equations ^b | 3 |
| MATH 360X Junior Writing Requirement ^{ab} | 0 |
| Any elective of your choice | 3 |
| Any 300/400-level elective of your choice | 6 |
| Total Credits | 15 |
| <ul style="list-style-type: none"> Explore opportunities for internships Continue to plan career options and how you will obtain qualifications | |

| Spring Courses — Third Year | Cr |
|--|-----------|
| CIVX 300 American Citizenship ^a | 2 |
| MATH 365 Linear Algebra ^b | 3 |
| MATH 370 Mathematical Prob. & Stat. ^b | 3 |
| MATH elective (300/400-level) | 3 |
| Any 300/400-level elective of your choice | 3 |
| Total Credits | 14 |
| <ul style="list-style-type: none"> Apply for summer internships. Make plans to study for and take professional/graduate school entrance exams, if applicable | |

| Fall Courses — Fourth Year | Cr |
|--|-----------|
| MATH 460 Modern Algebra ^b | 3 |
| MATH 460Z Senior Writing Requirement ^{ab} | 0 |
| MATH elective (300/400-level) | 3 |
| Any 300/400-level elective of your choice | 6 |
| Any elective of your choice | 3 |
| Total Credits | 15 |
| <ul style="list-style-type: none"> Complete the Intent to Graduate form during your Academic Advising Meeting. Apply to graduate/professional program, if applicable Explore job opportunities in your career | |

| Spring Courses — Fourth Year | Cr |
|---|-----------|
| MATH 450 Introduction to Real Analysis ^b | 3 |
| Any 300/400-level elective of your choice | 3 |
| Any elective of your choice | 8 |
| Total Credits | 14 |
| <ul style="list-style-type: none"> Apply to jobs in career interest, if entering the workforce | |

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

b: Major-Specific Requirement: These courses must be passed with at least a C- or better to progress in the program.

c: Major Collateral Requirement: These courses must be passed with at least a C- or better to progress in the program.

See LMU catalog for specific pre-requisite and grade requirements.



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| MATH Elective Courses | Cr. |
|--------------------------|-----|
| MATH 320 Discrete Math | 3 |
| MATH 380 Geometry | 3 |
| MATH 390 History of Math | 3 |

| Useful Contacts | | | |
|--|-----------------------|--|--------------|
| Title | Name | Email | Phone number |
| Chair, Department of Mathematics | Dr. Jeffrey Darrow | Jeffrey.Darrow@lmunet.edu | 423.869.7091 |
| Academic Support & Tutoring | Stephanie Wright | Stephanie.Wright03@lmunet.edu | 423.869.6310 |
| Student Counseling | Jessica Parker | Jessica.Parker@lmunet.edu | 423.869.6277 |
| Career Service | Tanya Vincent | Tanya.Vincent@lmunet.edu | 423.869.6679 |

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

| Career Exploration | | | |
|--------------------|-------------|---|-----------------------|
| Career | Description | Career Preparation – Internship, research experience, coursework, etc | Career Qualifications |
| | | | BS |
| | | | MS |
| | | | PHD |
| | | | Certifications |
| | | | BS |
| | | | MS |
| | | | PHD |
| | | | Certifications |
| | | | BS |
| | | | MS |
| | | | PHD |
| | | | Certifications |