

**Bachelor of Science in
Computer Science
(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
ENGL 101 Composition I ^a	3
HIST Requirement ^a	3
MATH 115 College Algebra ^{ac}	3
COSC 160 Computer Science I ^b	3
COSC 194 Computer Science Career Seminar ^b	2
Total Credits	15
You should be exploring opportunities to participate in service initiatives.	

Fall Courses — Second Year	Cr
Ethics, Fine Arts, or Humanities ^a	3
Must be two separate prefixes	
Behavioral/Social Sciences ^a	3
PHYS 211 General Physics I & Lab ^{ac}	4
MATH 270 Probability & Statistics ^c	3
COSC 244 Data Structures ^b	3
Total Credits	16
- 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)	

Fall Courses — Third Year	Cr
MATH 260 Elementary Linear Algebra ^c	3
CHEM 111 General Chemistry I & Lab ^{ac}	4
MATH 250 Calculus II ^c	4
COSC 350 Programing Language ^b	3
COSC 354 Network & Data Comm ^b	3
Total Credits	17
- Explore opportunities for internships - Continue to plan career options and how you will obtain qualifications	

Fall Courses — Fourth Year	Cr
PHIL 330 Ethics ^{ac}	3
PHYS 350 Intro to Electronics & Lab ^c	4
COSC 358 Artificial Intelligence ^b	3
COSC 444 Software Engineering II ^b	3
COSC 446 Program Translation ^b	3
Total Credits	16
- 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 — First Year	Cr
HIST Requirement ^a	3
LNCN 100 Lincoln's Life & Legacy ^a	1
ENGL 102 Composition II ^a	3
COSC 240 Computer Science II ^b	3
MATH 220 Discrete Structures ^c	3
MATH 120 Trigonometry ^c	3
Total Credits	16

Spring Courses — Second Year	Cr
MATH 150 Calculus I ^c	4
PHYS 212 General Physics II & Lab ^c	4
COSC 344 Software Engineering I ^b	3
COSC 346 Operating Systems ^b	3
Total Credits	14
Narrow down career options and begin to plan how you will obtain qualifications	

Spring Courses — Third Year	Cr
COMM 200 Fund Speech & Comm ^a	3
COSC 348 Principles of Algorithms ^b	3
COSC 348X Junior Writing Requirement ^{ab}	0
COSC 356 Database Management ^b	3
COSC 440 Network Security ^b	3
Any elective of your choice	2
Total Credits	14
- Apply for summer internships. - Make plans to study for and take professional/graduate school entrance exams, if applicable	

Spring Courses — Fourth Year	Cr
CIVX 300 American Citizenship ^a	2
COSC 448 Computer Theory ^b	3
COSC 448Z Senior Writing Requirement ^{ab}	0
COSC 450 Computer Architecture ^b	3
COSC 498 Computer Science Internship ^b	3
Any elective of your choice	3
Total Credits	14
Apply to jobs in career interest, if entering the workforce	

Prerequisites require successful completion (C- or better) of course(s) listed

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

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.

Useful Contacts

Title	Name	Email	Phone number
Chair, Department of Mathematics	Dr. Jeffrey Darrow	Jeffrey.Darrow@lmunet.edu	423.869.7180
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Career Service	Tanya Vincent	Tanya.Vincent@lmunet.edu	423.869.6679

Credit Hour Requirements

To graduate you need to complete a minimum of 122 credit hours. At least 36 of these hours must be at the 300/400 level. Track your hours in each of these categories as you progress to ensure timely completion of the program.

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