



Fall Courses — First Year	Cr
ENGL 101 Composition I <sup>a</sup>	3
UACT 100 Strategies for College Success <sup>a</sup>	1
BIOL 111 General Biology I & Lab <sup>ac</sup>	4
MATH 150 Calculus I <sup>ac</sup>	4
CHEM 111 General Chemistry I & Lab <sup>ac</sup>	4
<b>Total Credits</b>	<b>16</b>

- You should be exploring opportunities to participate in service initiatives
- Have you joined a club? Think about pre-health or the Wildlife Society

Spring Courses — First Year	Cr
ENGL 102 Composition II <sup>a</sup>	3
LNCN 100 Lincoln's Life & Legacy <sup>a</sup>	1
BIOL 112 General Biology II & Lab <sup>c</sup>	4
CHEM 112 General Chemistry II & Lab <sup>c</sup>	4
Statistics <sup>b</sup> (MATH 270 or MATH 370)	3
<b>Total Credits</b>	<b>15</b>

- Think about how you can explore career options during the summer

Fall Courses — Second Year	Cr
Ethics, Fine Arts, or Humanities <sup>a</sup>	3
<small>Must be two separate prefixes</small>	
COMM 200 Fund Speech and Comm. <sup>a</sup>	3
CHEM 221 Organic Chemistry I & Lab <sup>b</sup>	4
PHYS 211 General Physics I & Lab <sup>b</sup>	4
BIOL 290 Writing in the Life Sciences <sup>b</sup>	1
<b>Total Credits</b>	<b>15</b>

- You should be exploring career opportunities and internships
- Explore career interest and determine qualifications (i.e. internships, experience, professional/graduate school)

Spring Courses — Second Year	Cr
HIST Requirement <sup>a</sup>	3
Behavior or Social Science Requirement <sup>a</sup>	3
CHEM 222 Organic Chemistry II & Lab <sup>b</sup>	4
BIOL 380 Research Design & Analysis <sup>b</sup>	3
BIOL 315 Molecular Genetics & Lab <sup>b</sup>	4
<b>Total Credits</b>	<b>17</b>

- Keep track of the number of 300/400 level courses you take. You need to complete at least 36 credits for graduation
- Narrow down career options and begin to plan how you will obtain qualifications

Fall Courses — Third Year	Cr
HIST Requirement <sup>a</sup>	3
BIO 310 Comp. Human & Vert. Anat Lab <sup>b</sup>	4
BIOL 370 Ecology & Lab <sup>b</sup>	4
BIOL 397/X JR Science Seminar/Writing <sup>b/a</sup>	1
Free Elective(s) – Any Course	3
<b>Total Credits</b>	<b>15</b>

- Explore opportunities for internships or research experiences
- Continue to plan career options and how you will obtain qualifications

Spring Courses — Third Year	Cr
Ethics elective <sup>b</sup> (BUSN 250 <sup>a</sup> , BIOL 224, PHIL 330 <sup>a</sup> or PHIL 430 <sup>a</sup> )	3
Botany Option (see back) <sup>b</sup>	4
BIOL 336 General Microbiology & Lab <sup>b</sup>	4
Free Elective(s) – Any Course	4
<b>Total Credits</b>	<b>15</b>

- Apply for summer internships or research experiences.
- Make plans to study for and take professional/graduate school entrance exams, if applicable

Fall Courses — Fourth Year	Cr
CIVX 300 American Civics <sup>a</sup>	2
Upper-Level Track Elective (see back) <sup>b</sup>	4
Invertebrate Option (see back) <sup>b</sup>	4
BIOL 483 Research in Biology <sup>b</sup>	2
Free Elective(s) – Any Course	3
<b>Total Credits</b>	<b>15</b>

- Complete the Intent to Graduate form during your Academic Advising Meeting.
- Apply to graduate/professional program, if applicable
- Look for opportunities to present research
- Explore job opportunities in your career

Spring Courses — Fourth Year	Cr
BIOL 410 Evolution <sup>b</sup>	3
Upper-Level Track Elective (see back) <sup>b</sup>	4
BIOL 497/X SR Science Seminar/Writing <sup>b/a</sup>	1
Free Elective(s) – Any Course	6
<b>Total Credits</b>	<b>14</b>

- Look for opportunities to present research
- 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.

## Course Options for Program Track Electives

\*If there is a corequisite lab, students must take the lab.

\*\*A course cannot count for botany or invertebrate option and upper-level elective

<b>Botany Option</b> <small>Must select one of the following courses</small>	Cr.
BIOL 320 Principles of Botany	4
BIOL 330 Field Botany	4

<b>Invertebrate Option</b> <small>Must select one of the following courses</small>	Cr.
BIOL 340 Invertebrate Zoology	4
BIOL 350 Entomology	4

<b>Upper-Level Track Electives</b> <small>Select 8 credit hours from these courses**</small>	Cr.
BIOL 320 Principles of Botany	4
BIOL 330 Field Botany	4
BIOL 334 General Histology	3
BIOL 340 Invertebrate Zoology	4
BIOL 350 Entomology	4
BIOL 360 Immunology	3
BIOL 365 General Physiology	4
BIOL 364 Toxicology	2
BIOL/CHEM 395/495 Special Topics	2-3
BIOL 430 Topics in Microbiology	3
BIOL 441 Biochemistry I	4
BIOL 442 Biochemistry II	3-4
BIOL 450 Molecular Cell Biology	3
BIOL 460 Developmental Biology	2
BIOL/CHEM 483 Research in Biology/Chemistry	1
CBIO 330 Ichthyology	4
BIOL 340 Herpetology	4
BIOL 350 Ornithology	4
BIOL 360 Mammalogy	4
CBIO 420 Wetland Ecosystems	3
CBIO 430 Terrestrial Ecosystems	3
CBIO 440 Freshwater Ecosystems	3
CBIO 450 Marine Ecosystems	3
VHS 300 Vet Parasitology & Entomology	4

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 <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					

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