

First Year — Fall Semester	Cr.
CBIO 194 Pre-conservation Seminar	1
ENGL 101 Composition I*	3
MATH 115 College Algebra* <sup>#</sup> Prerequisite: Successful completion of Math 105 or an ACT sub score of 21 or higher	3
CHEM 111 General Chemistry I & Lab#	4
Prerequisite: Successful completion (C- or better) in Math 105, Math 115, or Math 120 or a Math ACT of 21, Fall	
BIOL 111 General Biology I & Lab* <sup>#</sup> Prerequisite: ACT/SAT reading score of 23 placement in ENG 101 or higher, OR successful completion of BIOL 100	4
UACT 100 Strategies for College Success*	1
<b>Total Credits</b>	<b>16</b>

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

Second Year — Fall Semester	Cr.
History Requirement*	3
CBIO 210 Wildlife Management# Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs, Fall	3
ENGL 240 or 250* Prerequisite for PHIL 430	3
Biodiversity: Invertebrate Option#	4
ECON 212 or 213 Micro/Macroeconomics#	3
<b>Total Credits</b>	<b>16</b>

- You should be exploring opportunities for volunteer experiences within the field
- 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.
BIOL 370 Ecology & Lab# Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 with lab, Fall	4
CBIO 250 Soils & Lab# Prerequisite: Successful completion (C- or better) of CHEM 111 with lab, Fall odd years	4
CBIO 370 Land-use & Env. Policy#	3
Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs, Fall even years	
Biodiversity: Vertebrate Option#	4
CBIO 397/X JR Research Seminar# Prerequisite: Successful completion (C- or better) of ENGL 102 or equivalent	1
<b>Total Credits</b>	<b>16</b>

- Make plans to take graduate school entrance exams (e.g. GRE)
- Identify graduate programs and/or internships in the field of interest

Fourth Year — Fall Semester	Cr.
Ecosystem Option#	3
BIOL 330 Field Botany# Prerequisite: completion (C- or better) of BIOL 111 and 112 with labs, Fall	4
CBIO 421 Geographic Info. Systems I#	3
Prerequisite: Successful completion (C- or better) of ISYS 100, Fall even years	
PHIL 330 or 430 Ethics* <sup>#</sup> Prerequisite: ENGL 240 or 250	3
CBIO 497/Z Senior Research Seminar#	1
CBIO 483 UG Research in Con Bio#	1
<b>Total Credits</b>	<b>15</b>

- Complete the Intent to Graduate form during your Academic Advising Meeting.
- Start applying to graduate programs and searching for jobs in field of interest

First Year — Spring Semester	Cr.
ENGL 102 Composition II* Prerequisite for BIOL 290	3
ISYS 100 Computer Literacy*	2
BIOL 112 General Biology II & Lab* <sup>#</sup> Prerequisite: Successful completion (C- or better) of BIOL 111 with lab	4
MATH 270 Probability & Statistics* <sup>#</sup> Prerequisite: Successful completion (C- or better) of MATH 115 or ACT sub-score of 23 or higher	3
CHEM 112 or PHYS 100 + lab*	4
LNCN 100 Lincoln's Life & Legacy*	1
<b>Total Credits</b>	<b>17</b>

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

Second Year — Spring Semester	Cr.
History Requirement*	3
SOCI 100 or PSYC 100* <sup>#</sup>	3
Biodiversity: Vertebrate Option# See page 2 for choices	4
CBIO 200 Conservation Biology# Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs, Spring	3
BIOL 290 Scientific Writing#	1
BIOL 380 Research Design and Analysis# Prerequisite: Successful completion (C- or better) of Math 270, BIOL 111 and 112 with labs	3
<b>Total Credits</b>	<b>17</b>

- You should be exploring opportunities to conduct research.
- Keep track of the number of hours you are completing in research and volunteering

Third Year — Spring Semester	Cr.
COMM 200 Fund Speech & Comm.*	3
Biodiversity: Vertebrate Option#	4
Fine Arts Elective*	3
CBIO 483 UG Research in Con Bio	1
BIOL 315 Molecular Genetics & Lab# Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 with lab	4
<b>Total Credits</b>	<b>15</b>

- Study for graduate school exams and take exams over the summer
- Apply for summer internships in field of interest or research experiences

Fourth Year — Spring Semester	Cr.
BIOL 320 Principles of Botany# Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs, Spring	4
CIVX 300 American Civics*	2
CBIO 422 Geographic Info Systems II# Prerequisite: Successful completion (C- or better) of CBIO 421, Spring odd years	3
Ecosystem Option#	3
CBIO 400 Conserv Bio. App. & Analy.# Prerequisite: Successful completion (C- or better) of BIOL 200, 370 with labs and two biodiversity courses, Spring	3
<b>Total Credits</b>	<b>15</b>

- Look for opportunities to present research
- Apply to jobs in career interest, if entering the workforce

\*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.

## Course Options for Program Track Electives

<b>Biodiversity: Invertebrate Options</b>	<b>Cr.</b>
<i>Must select one of the following courses</i>	
<b>BIOL 340 Invertebrate Zoology</b> <span style="float: right;">4</span> <small>Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs, Fall odd years</small>	
<b>BIOL 350 Entomology</b> <span style="float: right;">4</span> <small>Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs, Fall even years</small>	
<ul style="list-style-type: none"> <li>If the course has a corresponding laboratory course, the laboratory course <b>MUST</b> be taken</li> <li>Must be passed with a C- or better to progress in the program.</li> </ul>	

<b>Biodiversity: Vertebrate Options</b>	<b>Cr.</b>
<i>Must select three of the following courses</i>	
<b>CBIO 330 &amp; Lab Ichthyology</b> <span style="float: right;">4</span> <small>Prerequisite: Successful completion (C- or better) of BIOL 111 and BIOL 112 with labs, Fall odd years</small>	
<b>CBIO 340 &amp; Lab Herpetology</b> <span style="float: right;">4</span> <small>Prerequisite: Successful completion (C- or better) of BIOL 111 and BIOL 112 with labs, Spring odd years</small>	
<b>CBIO 350 &amp; Lab Ornithology</b> <span style="float: right;">4</span> <small>Prerequisite: Successful completion (C- or better) of BIOL 111 and BIOL 112 with labs, Spring even years</small>	
<b>CBIO 360 &amp; Lab Mammalogy</b> <span style="float: right;">4</span> <small>Prerequisite: Successful completion (C- or better) of BIOL 111 and BIOL 112 with labs, Fall even years</small>	
<ul style="list-style-type: none"> <li>If the course has a corresponding laboratory course, the laboratory course <b>MUST</b> be taken</li> <li>Must be passed with a C- or better to progress in the program.</li> </ul>	

**Note:** Students wishing to meet *The Wildlife Society* educational requirements for certification as an Associate Wildlife Biologist or *The American Fisheries Society* requirements for certification as an Associate Fisheries Professional should consult closely with their advisors.

<b>Ecosystem Electives</b>	<b>Cr.</b>
<i>Must select two of the following courses</i>	
<b>CBIO 420 Wetland Ecosystems</b> <span style="float: right;">3</span> <small>Prerequisite: Successful completion (C- or better) of BIOL 370 with lab, Fall even years</small>	
<b>CBIO 430 Terrestrial Ecosystems</b> <span style="float: right;">3</span> <small>Prerequisite: Successful completion (C- or better) of BIOL 370 with lab, Spring even years</small>	
<b>CBIO 440 Freshwater Ecosystems</b> <span style="float: right;">3</span> <small>Prerequisite: Successful completion (C- or better) of BIOL 370 with lab, Spring odd years</small>	
<ul style="list-style-type: none"> <li>If the course has a corresponding laboratory course, the laboratory course <b>MUST</b> be taken</li> <li>Must be passed with a C- or better to progress in the program.</li> </ul>	

<b>Credit Hour Requirements</b>					
In order to graduate you need to complete a minimum of 124 credit hours. At least 42 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					

<b>Career Exploration</b>			
Career	Description	Career Preparation – internship, research experience, coursework, etc	Career Qualifications
			BS MS PhD Certifications
			BS MS PhD Certifications
			BS MS PhD Certifications
			BS MS PhD Certifications