

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

- 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#	3
<small>Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs, Fall</small>	
BIOL 224 Ethics in Life Science Research	3
Biodiversity: Invertebrate Option#	4
ECON 212 or 213 Micro/Macroeconomics#	3
Total Credits	16

- 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#	4
<small>Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 with lab, Fall</small>	
CBIO 250 Soils & Lab#	4
<small>Prerequisite: Successful completion (C- or better) of CHEM 111 with lab, Fall odd years</small>	
CBIO 370 Land-use & Env. Policy#	3
<small>Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs, Fall even years</small>	
Biodiversity: Vertebrate Option#	4
BIOL 397/X JR Science Seminar#	1
<small>Prerequisite: Successful completion (C- or better) of ENGL 102 or equivalent</small>	
Total Credits	16

- 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
Fine Arts Elective*	3
BIOL 330 Field Botany#	4
<small>Prerequisite: completion (C- or better) of BIOL 111 and 112 with labs, Fall</small>	
CBIO 421 Geographic Info. Systems I#	3
<small>Prerequisite: Successful completion (C- or better) of ISYS 100, Fall even years</small>	
BIOL 497/Z Senior Science Seminar#	1
BIOL 483 Research in Biology	1
Total Credits	15

- 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*	3
<small>Prerequisite for BIOL 290</small>	
BIOL 112 General Biology II & Lab*#	4
<small>Prerequisite: Successful completion (C- or better) of BIOL 111 with lab</small>	
MATH 270 Probability & Statistics*#	3
<small>Prerequisite: Successful completion (C- or better) of MATH 115 or ACT sub-score of 23 or higher</small>	
CHEM 112 or PHYS 100 & Lab*	4
LNCN 100 Lincoln's Life & Legacy*	1
Total Credits	15

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

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

- 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
BIOL 483 Research in Biology	1
BIOL 315 Molecular Genetics & Lab#	4
<small>Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 with lab</small>	
Total Credits	15

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

- 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

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

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

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.

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

Credit Hour Requirements					
In order to graduate you need to complete a minimum of 124 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
			BS MS PhD Certifications