

## Bachelor of Science in Biology Secondary Education (123 Cr.) Four-Year Curriculum Plan



Fall Courses — First Year	Cr
UACT 100 Strategies for College Success <sup>a</sup>	1
LNCN 100 Lincoln's Life & Legacy <sup>a</sup>	1
ENGL 101 Composition I <sup>a</sup>	3
BIOL 111 General Biology I & Labab	4
CHEM 111 General Chemistry I & Labac	4
MATH 120 Trigonometry <sup>c</sup>	3

Total Credits	16
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You should be exploring opportunities to participate in service initiatives.

Fall Courses — Second Year	Cr
EDUC 210 Instr. Tech & Learning Res. b	2
PSYC 221 Childhood & Adolescent Devel.ac	3
BIOL 380 Research Design & Analysis <sup>b</sup>	3
BIOL 290 Writing in the Life Sciences <sup>b</sup>	1
COMM 200 Fund Speech & Comm <sup>a</sup>	3
HIST Requirement <sup>a</sup>	3
Total Credits	15

 Keep track of the number of 300/400 level courses you take. You need to complete at least 36 credits for graduation

Fall Courses — Third Year	Cr
EDUC 360 Sec. Inst. Methods & Strat. <sup>b</sup>	3
PSYC 370 Educational Psychology <sup>c</sup>	3
Ethics (BIOL 224, PHIL 330° or PHIL 430°) <sup>c</sup>	3
BIOL 370 Ecology & Lab <sup>b</sup>	4
PHYS 100/L or PHYS 211/L <sup>c</sup>	4

Begin preparation for taking the PRAXIS

Fall Courses — Fourth Year	Cr
EDUC 380 Literacy in Secondary Education <sup>b</sup>	2
EDUC 480 Pre-Clinical Experience <sup>b</sup>	2
BIO 310 Comp. Human & Vert. Anat Labb	4
Evolution and Ecology Elective <sup>b</sup>	4
BIOL 497/Z Sr Science Sem & Writing <sup>b</sup>	1
Total Credits	13

Spring Courses — First Year	Cr
EDUC 290 The Teaching Profession <sup>b</sup>	3
ENGL 102 Composition II <sup>a</sup>	3
BIOL 112 General Biology II & Lab <sup>b</sup>	4
CHEM 112 General Chemistry II & Lab <sup>c</sup>	4
MATH 270 Probability and Stats <sup>c</sup>	3

Total Credits	17

While enrolled in EDUC 290 students will apply for admission to the teacher licensure program

Spring Courses — Second Year	Cr
SPED 320 Differentiated Instruction <sup>b</sup>	3
Ethics, Fine Arts, or Humanities <sup>a</sup> Must be two separate prefixes	3
BIOL 315 Molecular Genetics & Lab <sup>b</sup>	4
CBIO 200 Conservation Biology <sup>b</sup>	3
BIOL 397/X JR Sc Sem and Writing <sup>b</sup>	1
HIST Requirement <sup>a</sup>	3
Total Credits	17

Spring Courses — Third Year	Cr
EDUC 370 Measurement and Evaluation <sup>b</sup>	2
STEM 460 Secondary Math & Science	3
Instruction <sup>b</sup>	
EDUC 390 Learning about Learners <sup>b</sup>	2
BIOL 410 Evolution <sup>b</sup>	3
CIVX 300 American Citizenship <sup>a</sup>	2
Cellular and Organismal Elective <sup>b</sup>	4
Total Credits	16

Spring Courses — Fourth Year	Cr
EDUC 497 Enhanced Clinical Practice <sup>b</sup>	9
EDUC 497F Enhanced Clinical Practice	3
Seminar <sup>b</sup>	

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.

**Total Credits** 

17

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.

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

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**Total Credits** 



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Clinical Hours Tracker	Required	Completed
SPED 320 Characteristics and Comm. of Students with Severe Disabilities	10 hours	
EDUC 290 The Teaching Profession	10 hours	
EDUC 360 Secondary Instructional Methods & Strategies	30 hours	
EDUC 370 Measurement and Evaluation	20 hours	
EDUC 380 Literacy Across Secondary Curricula	30 hours	
EDUC 480 Pre-Clinical Experience	50 hours	

Evolution and Ecology Competency Elective	Cr.
Must select 4 credits from the following courses. If there is a correspondi students must take the lab.	ng lab,
BIOL 350 Entomology	4
BIOL 460 Development Biology	2
BIOL 483 Research in Biology	1
CBIO 330 Ichthyology	4
CBIO 340 Herpetology	4
CBIO 350 Ornithology	4
CBIO 360 Mammalogy	4
CBIO 420 Wetland Ecosystems	3
CBIO 430 Terrestrial Ecosystems	3
CBIO 440 Freshwater Ecosystems	3

Cellular and Organismal Competency Elective	Cr.
Must select one of the following courses and lab	
BIOL 320 Principles of Botany	4
BIOL 336 General Microbiology	4
BIOL 340 Invertebrate Zoology	4
BIOL 365 General Physiology	4

## **Useful Contacts** Title Name **Email** Phone number Chair, Dr. Barbara Department Barbara.Shock@Imunet.edu 423.869.7180 of Biology & Shock Chemistry Director of Dr. Chessica Undergrad Chessica.Cave@Imunet.edu 423.869.6478 Cave Education Academic Support Cathy Dunn Cathy.Dunn@lmunet.edu 423.869.2542 Assistant for Education Tagge Center Stephanie Stephanie.Wright03@Imunet. 423.869.6310 (Tutoring) Wright <u>edu</u> Student Jessica Jessica.Parker@lmunet.edu 423.869.6277 Counseling Parker Tanya Career Service Tanya.Vincent@Imunet.edu 423.869.6679 Vincent

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

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.