

LMU Core Curriculum Requirements

LMU Specific Course	Cr.
UACT 100	2
LNCN 100 Lincoln's Life & Legacy	1
LNCN 300 American Citizenship (Civics)	2

Required Total Credits 5

Communications	Cr.
COMM 200 Fund Speech & Comm	3
ENGL 101 Composition I	3
ENGL 102 Composition II	3
ISYS 100 Computer Literacy	2

Required Total Credits 9

Behavior/Social Sciences- choose 2	Cr.
BSCI 100 Human Potential	3
CRIM 105 Intro to Criminal Justice	3
ECON 212 Principles of Microeconomics	3
ECON 213 Principles of Macroeconomics	3
GEOG 100 Introduction to Geography	3
GEOG 110 World Regional Geography	3
GEOG 211 Introduction to Human Geography	3
GEOG 300 Environmental Geography	3
POLS 100 American National Government	3
POLS 240 Introduction to Political Ideas	3
POLS 250 Intro to International Relations	3
PSYC 100 Intro to Psychology	3
PSYC 221 Child & Adolescent Development	3
PSYC 222 Adult Development	3
SOCI 100 Introduction to Sociology	3
SOCI 330 Cultural Diversity	3

Required Total Credits 6

Mathematics	Cr.
MATH 110 Reasoning & Problem Solving	3
MATH 115 College Algebra	3
MATH 120 Trigonometry	3
MATH 150 Calculus I	4

Required Total Credits 3-4

Fine Arts, Humanities, & Ethics	Cr.
ENGL 240 or 250 Literary Forms or Literary History & Culture	3

Fine Arts- choose one	Cr.
Art 100 Art Appreciation	3
Art 381 Survey of Art History	3
Art 382 Survey of Art History	3
MUSC 100 Music Appreciation	3
MUSC 468 Survey of World Music	3
THEA 100 Introduction to Theatre	3
THEA 340 Survey of Dramatic Literature	3

Fine Arts, Humanities, & Ethics- choose two	Cr.
Art 100 Art Appreciation	3
Art 381 Survey of Art History	3
Art 382 Survey of Art History	3
MUSC 100 Music Appreciation	3

MUSC 468 Survey of World Music	3
THEA 100 Introduction to Theatre	3
THEA 340 Survey of Dramatic Literature	3
BUSN 250 Social and Ethic. Environ of Business	3
GEOG 350 Geography of Religion	3
PHIL 100 The Meaning of Life	3
PHIL 200 Introduction of Philosophy	3
PHIL 210 Logic and Critical Thinking	3
PHIL 330 Ethics	3
PHIL 430 Medical Ethics	3
REL 210 Survey of Old Testament	3
REL 220 Survey of the New Testament	3
REL 310 Comparative World Religions	3
REL 315 Comparative Christianity	3

Required Total Credits 9

History	Cr.
HIST 121 World History to 1500 & HIST 122 World History since 1500	6
HIST 131 American History to 1870 & HIST 132 American History since 1870	6

Required Total Credits 6

Natural/Physical Sciences- Choose A & B or C only

A. Life Sciences- Choose 1	Cr.	B. Physical Sciences- Choose 1	Cr.	C. Life/Physical Science Sequences	Cr.
BIOL 100 Intro to Biology w/ Lab	4	CHEM 100 Introduction to Chemistry w/ Lab	4	BIOL 111 & 112 General Biology I & II w/ Lab	8
BIOL 111 General Biology I w/ Lab	4	CHEM 111 General Chemistry I w/ Lab	4	BIOL 261 & 262 Human Anatomy & Physiology 1 & 2 w/ Lab	8
BIOL 230 Microbiology w/ Lab	4	GEOG 120 Introduction to Physical Geography w/ Lab	4	CHEM 111 & 112 General Chemistry I & II w/ Lab	8
BIOL 261 Human Anat & Phys I w/ Lab	4	Introduction to Physics w/ Lab	4	PHYS 211 & PHYS 212 General Physics I & II w/ Lab	8
BIOL 262 Human Anat & Phys II w/ Lab	4	PHYS 211 General Physics I w/ Lab	4		
ENVS 100 Intro to Env. Sciences w/Lab					
Total Credits	4	Total Credits	4	Total Credits	8

General Studies Cognates

One Health	Cr.
<i>Cognate only available with complete 18 credits.</i>	
VHS 330 One Health	3
VHS 400 Zoonotic Disease of Vet & Pub Hlth.	3
VHS 497 Vet Sr. Research & Writing seminar	3
SOCW 315 Family Grief and Loss	3
SOCW 395 Medical Social Work	3
HLTH 320 Public Health	3
Total Credits	18

Veterinary Science	Cr.
VHS 101 Intro to Vet Medicine	1
VHS 111 Animal Anatomy and Phys w/ Lab	4
VHS 112 Animal Anatomy and Phys w/ Lab	4
VHS 220 Animal Handling & Restraint w/ Lab	3
VHS 220 Rural Animal Handling & Restraint w/ Lab	3
VHS 300 Vet Parasitology & Entomology w/ Lab	4
VHS 310 Wildlife Diseases	3
VHS 330 One Health	3
VHS 350 Livestock Health & Management	3
VHS 370 Animal Nutrition	3
VHS 380 Companion Animal Health & Management	3
VHS 390 Human Animal Bond	3
VHS 400 Zoonotic Disease of Vet & Pub Hlth.	3
VHS 410 Equine Health & Management	3
VHS 497 Vet Sr. Research & Writing seminar	3
Total Credits	12 -18

Business	Cr.
<i>Cognate only available with complete 18 credits.</i>	
BUSN 310 International Business	3
BUSN 350 Business Communications	3
ECON 212 Principles of Microeconomics	3
ECON 213 Principles of Macroeconomics	3
MGMT 300 Principles of Management	3
Principles of Marketing	3
Total Credits	18

Cognate Declaration	
<i>Students must select 2 cognate areas from the cognates below. Each cognate must total 18 credits with at least 9 upper-level credits in each cognate.</i>	
<i>Or</i>	
<i>Select 3 cognates below. Each Cognate must total 12 hours with at least 6 upper level credits.</i>	
Cognate	Credits
Cognate 1:	12 or 18
Cognate 2:	12 or 18
Cognate 3:	12
SEWS Cognate:	
Total Credits	36

Biology	Cr.
<i>Must complete collateral requirements of BIOL 111 & 112 and CHEM 111 & 112 w/labs</i>	
BIOL 315 Molecular Genetics w/ Lab or	4
BIOL 336 General Microbiology w/ Lab	
BIOL 320 Principles of Botany w/Lab or	4
BIOL 370 Ecology w/Lab	
300/400 BIOL Electives	4-10
Total Credits	12-18

Chemistry	Cr.
<i>Must complete CHEM 111 & 112 w/lab and MATH 150 & 250.</i>	
CHEM 221 Organic Chemistry I w/ Lab	4
CHEM 222 Organic Chemistry I w/ Lab	4
CHEM 331 Quantitative & Instrumental Analysis I w/ Lab	4
CHEM 451 Physical Chemistry I w/ Lab	4
CHEM 452 Physical Chemistry II w/ Lab	4
CHEM 460 Inorganic Chemistry	3
Total Credits	12-18

Conservation Biology	Cr.
<i>Must complete collateral requirements of BIOL 111 & 112 and CHEM 111 & 112 w/labs</i>	
CBIO 200 Conservation Biology	3
CBIO 370 Land Use & Environmental Policy	3
Biodiversity Courses- Select 1	
BIOL 320 Principles of Botany w/ Lab	4
BIOL 330 Field Botany I w/ Lab	4
BIOL 340 Invertebrate Zoology w/ Lab	4
BIOL 350 Entomology	4
CBIO 330 Ichthyology	4
CBIO 340 Herpetology	4
CBIO 350 Ornithology	4
CBIO 360 Mammalogy	4
Ecosystem Courses - Select 1	
CBIO 420 Wetland Ecosystems	3
CBIO 430 Terrestrial Ecosystems	3
CBIO 440 Freshwater Aquatic Ecosystems	3
Total Credits	12-18

Computer Sciences Cognate	Cr.
COSC 160 Computer Sciences I	3
COSC 240 Computer Sciences II	3
COSC 244 Data Structures	3
COSC Elective 300/400 level	3-9
Total Credits	12-18

Mathematics	Cr.
MATH 150 Calculus I	4
MATH 250 Calculus II	4
MATH 255 Calculus III	4
MATH 300 Intro to Advanced Mathematics	3
MATH Elective 300/400 level	3
Total Credits	18