



Richard A. Gillespie  
College of Veterinary Medicine  
LINCOLN MEMORIAL UNIVERSITY

**Veterinary Animal Science  
Bachelor of Science  
Four-Year Curriculum  
Plan 125 Credit Hours**

Freshman Year – Fall	Cr.
UACT 100 Strategies for College Success <sup>a</sup>	1
ENGL 101 Composition I <sup>a</sup>	3
VHS 101 Intro to Veterinary Medicine <sup>b</sup>	1
BIOL 111 General Biology I & Lab <sup>a,b</sup>	4
Prerequisite: C- or better BIOL 100, placement in ENGL 101 or ACT reading score of 23	
CHEM 111 General Chemistry I & Lab <sup>c</sup>	4
Prerequisite: C- or better MATH 105, 115, 120 or Math ACT of ≥ 23	
HIST Requirement <sup>a</sup>	3
LNCN 100 Lincoln's Life & Legacy <sup>a</sup>	1
<b>Total Credits</b>	<b>17</b>

Freshman Year – Spring	Cr.
Fine Art Requirement <sup>a</sup>	3
HIST Requirement <sup>a</sup>	3
ENGL 102 Composition II <sup>a</sup>	3
BIOL 112 General Biology II & Lab <sup>a,b</sup>	4
Prerequisite: C- or better BIOL 111 w/lab	
CHEM 112 General Chemistry II & Lab <sup>c</sup>	4
Prerequisite: C- or better CHEM 111 w/ lab	
<b>Total Credits</b>	<b>17</b>

Sophomore Year – Fall	Cr.
CHEM 221 Organic Chemistry I & Lab <sup>c</sup>	4
Prerequisite: C- or better CHEM 112 w/ lab	
VHS 211 Animal A&P I & Lab <sup>b</sup>	4
Prerequisite: C- or better in BIOL 111 & 112 w/lab	
Behavioral/Social Science Requirement <sup>a</sup>	3
COMM 200 Fund of Speech & Comm. <sup>a</sup>	3
MATH Requirement <sup>a</sup>	3
<b>Total Credits</b>	<b>17</b>

Sophomore Year – Spring	Cr.
CHEM 222 Organic Chemistry II & Lab <sup>c</sup>	4
Prerequisite: C- or better CHEM 221 w/lab	
VHS 212 Animal A&P II & Lab <sup>b</sup>	4
Prerequisite: C- or better in VHS 211 w/ lab	
VHS 230 Animal Handling and Restraint & Lab <sup>b</sup>	4
Corequisite of VHS 211 or 212 w/lab	
VHS or BIOL Elective	3
<b>Total Credits</b>	<b>15</b>

Junior Year – Fall	Cr.
BIOL 315 Molecular Genetics & Lab <sup>c</sup>	4
Prerequisite: C- or better BIOL 111 & 112 w/labs and CHEM 111 w/labs	
VHS 300 Parasitology & Entomology & Lab <sup>b</sup>	4
Prerequisite: C- or better BIOL 112 w/lab	
VHS 320 Veterinary Science Junior Seminar <sup>b</sup>	3
Prerequisite: ENGL 102 and Jr. standing	
VHS 320X Junior Writing Requirement <sup>b</sup>	0
CIVX 300 American Civics <sup>a</sup>	2
Prerequisite: LNCN 100	
<b>Total Credits</b>	<b>13</b>

Junior Year – Spring	Cr.
VHS 370 Animal Nutrition <sup>b</sup>	3
Prerequisite: CHEM 111 and Jr. Standing	
MATH 270 Probability and Statistics <sup>c</sup>	3
Prerequisite: MATH 110 or 115	
Fine Art/Humanities/Ethics Requirement <sup>a</sup>	3
VHS 380 Animal Reproductive A&P & Lab <sup>b</sup>	4
Prerequisite: VHS 212 (C- or better)	
VHS or BIOL Elective <sup>b</sup>	3-4
<b>Total Credits</b>	<b>16-17</b>

Senior Year – Fall	Cr.
VHS 410 Equine Health & Management <sup>b</sup>	3
VHS or BIOL Elective <sup>b</sup>	3
VHS or BIOL Elective <sup>b</sup>	3-4
VHS or BIOL Elective <sup>b</sup>	3-4
300/400 BIO	3-4
<b>Total Credits</b>	<b>15-17</b>

Senior Year – Spring	Cr.
VHS 450 Livestock Health & Management	3
VHS 497 Senior Seminar <sup>b</sup>	3
VHS 497Z Senior Writing Requirement <sup>b</sup>	0
VHS or BIOL Elective <sup>b</sup>	3
VHS or BIOL Elective <sup>b</sup>	3-4
Upper Level BIO	3-4
<b>Total Credits</b>	<b>15-17</b>

a = LMU BS Core Curriculum Requirement. See LMU Undergraduate catalog for details

b = Major Requirement. See LMU Undergraduate catalog for specific details

c = Collateral Requirement. See LMU Undergraduate catalog for specific details

**Veterinary Animal Science  
 Bachelor of Science  
 Four-Year Curriculum Plan  
 123 Credit Hours**

VHS Elective Courses	Cr.
VHS 310 Wildlife Diseases Prerequisite: BIOL 112 w/lab	3
VHS 330 One Health Prerequisite: ENGL 102 and Jr. Standing	3
VHS 360 Advanced Animal Anatomy w/ Lab	4
VHS 480 Companion Animal Health & Management Prerequisite: VHS 212/212L, 230/230L, 370 with B- or better	3
VHS 390 Human Animal Bond Prerequisite: ENGL 102 and Jr. standing or instructor approval	3
VHS 400 Zoonotic Disease Prerequisite: BIOL 112 w/lab and Jr. standing	3

BIOL Elective Courses	Cr.
BIOL 310 Comparative Vertebrate Anatomy w/Lab Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs, CHEM 111 and 112 with labs. Corequisite: BIOL 310L lab, 1 credit hour. Fall	4
BIOL 320 Principles of Botany w/Lab Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 320L lab, 1 credit hour. Spring	4
BIOL 336 General Microbiology Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 and 112 with labs. Corequisite: BIOL 336L lab, 1 credit hour. Spring.	4
BIOL 340 Invertebrate Zoology Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 340L lab, 1 credit hour. Fall odd years	4
BIOL 360 Immunology Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 and 112 with labs. Fall.	3
BIOL 410 Evolution Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs. Spring odd years.	3
BIOL 441 Biochemistry	4