



THE OHIO STATE UNIVERSITY

COLLEGE OF VETERINARY MEDICINE

FIRST YEAR CURRICULUM		
<i>Course number</i>	<i>Course title</i>	<i>Credit hours</i>
Autumn Semester		
VM 6510	Veterinary Preventive Medicine I: Introduction to Epidemiology and Population Systems	3
VM 6520	Gross Anatomy 1 (Dog, Cat, Pig)	4
VM 6525	Introduction to Veterinary Diagnostic Imaging	1
VM 6530	Comparative Structure and Function of Tissues	3
VM 6540	Structure and Function of Cells	2
VM 6614.01	Professional Development I	1
VM 6618	Clinical Pathology	4
VM 6641	Introduction to Animal Behavior	2
Spring Semester		
VM 6521	Gross Anatomy 2 (Horse, Cow)	5
VM 6550.01	Comparative Biology of Disease 1: General Pathology and Immunology	3
VM 6550.02	Comparative Biology of Disease 2: Animal Pathogens	3
VM 6561	Principles of Veterinary Pharmacology	2
VM 6570.01	Introduction to Clinical Veterinary Medicine	1
VM 6607	Musculoskeletal System	3
VM 6614.02	Professional Development II	1
Various	Electives	2 (recommended)
SECOND YEAR CURRICULUM		
<i>Course number</i>	<i>Course title</i>	<i>Credit hours</i>
Autumn Semester		
VM 6570.02	Clinical Veterinary Medicine Experience	1
VM 6602	Urinary System	3
VM 6603	Nervous System	4
VM 6604	Endocrine System	3
VM 6605	Reproductive System	3
VM 6614.03	Professional Development III	1
VM 6646	Veterinary Preventive Medicine II: Zoonotic Diseases	2
Various	Electives	3 (recommended)
Spring Semester		
VM 6565	Introduction to Animal Welfare	1
VM 6600	Cardiovascular System	3
VM 6601	Respiratory System	3
VM 6606	Integumentary System	3
VM 6609	Digestive System	4
VM 6610.01	Clinical Veterinary Parasitology	1
VM 6614.04	Professional Development IV	1
Various	Electives	4 (recommended)

THIRD YEAR CURRICULUM

<i>Course number</i>	<i>Course title</i>	<i>Credit hours</i>
Autumn Semester		
VM 6570.03	Clinical Reasoning and Decision-Making	2
VM 6610.02	Applied Clinical Veterinary Parasitology	1
VM 6614.05	Professional Development V	1
VM 6612	Introduction to Comparative Veterinary Ophthalmology	2
VM 7562	Introduction to Veterinary Anesthesia	2
VM 7563	Introduction to Surgery	2
VM 7613	Veterinary Emergency and Critical Care Medicine	2
VM 7615.01	Small Animal Operative Practice	4
VM 7616	Farm Animal Medicine, Diagnostic Techniques, and Procedures	1
VM 7617	Equine Medicine, Diagnostic Techniques, and Procedures	1
Various	Electives	5 (recommended)
Spring Semester		
VM 6610.02	Applied Clinical Veterinary Parasitology	continued
VM 6611	Veterinary Preventive Medicine III: Emerging Diseases and Public Veterinary Practice	3
VM 6614.06	Professional Development: VI	2
VM 7526	Veterinary Diagnostic Imaging	3
VM 7564	Clinical Microbiology and Pharmacology of Antimicrobial Agents	1
VM 7615.01	Small Animal Operative Practice	continued
VM 7615.02	Small Animal Medicine Techniques	1
VM 7616	Farm Animal Medicine, Diagnostic Techniques, and Procedures	continued
VM 7617	Equine Medicine, Diagnostic Techniques, and Procedures	continued
Various	Electives	6 (recommended)

FOURTH YEAR CURRICULUM		
(26 credit hours CORE rotations and 22 credit hours Career Area of Emphasis and other elective rotations)		
Course number	Course title	Credit hours
Autumn, Spring and Summer Semesters		
VM 7700.01	Applied Veterinary Medicine: Community Practice *	2
VM 7700.02	Applied Veterinary Medicine: Shelter Medicine and Surgery *	2
VM 7700.03	Applied Veterinary Medicine: Small Animal Internal Medicine *	2
VM 7700.04	Applied Veterinary Medicine: Small Animal Surgery - Soft Tissue §	2
VM 7700.05	Applied Veterinary Medicine: Small Animal Surgery – Orthopedics §	2
VM 7700.06	Applied Veterinary Medicine: Farm Animal Medicine and Surgery *	2
VM 7700.07	Applied Veterinary Medicine: Large Animal Ambulatory Services *	2
VM 7700.08	Applied Veterinary Medicine: Equine Medicine ¶	2
VM 7700.09	Applied Veterinary Medicine: Equine Surgery ¶	2
VM 7700.10	Applied Veterinary Medicine: Equine Field Service ¶	2
VM 7700.11	Applied Veterinary Medicine: Equine Emergency and Critical Care Medicine ¶	2
VM 7700.12	Applied Veterinary Medicine: Radiology *	2
VM 7700.13	Applied Veterinary Medicine: Clinical Anesthesiology *	2
VM 7700.14	Applied Veterinary Medicine: Applied Pathology *	2
VM 7700.15	Applied Veterinary Medicine: Small Animal Critical Care #	2
VM 7700.16	Applied Veterinary Medicine: Small Animal Emergency *	2
VM 7700.17	Applied Veterinary Medicine: Ophthalmology #	2
VM 7700.18	Applied Veterinary Medicine: Dermatology #	2
VM 7700.19	Applied Veterinary Medicine: Cardiology #	2
VM 7700.20	Applied Veterinary Medicine: Small Animal Neurology #	2
VM 7700.21	Applied Veterinary Medicine: Small Animal Oncology #	2
VM 7700.22	Applied Veterinary Medicine: Theriogenology #	2
VM 7700.23	Applied Veterinary Medicine: Advanced Theriogenology #	2
VM 7700.24	Applied Veterinary Medicine: Preventive Medicine *	2
VM 7700.25	Applied Veterinary Medicine: Advanced Preventive Medicine #	2
Various	Applied Veterinary Medicine: Elective Rotations (internal or external)	6-8 (depending on CAE)
Key: * Core; ¶ pick 2 of 4 for core; § pick 1 of 2 for core; # elective (including for Career Area of Emphasis)		
Total credit hours in professional curriculum = 166		
Core credit hours in professional curriculum = 124 (75%)		
Elective credit hours required for graduation = 41 (25%)		

The third and fourth years comprise one continuous experience, as there is no summer break between these years. Senior students have the opportunity to select a career area of emphasis for their senior rotations. The opportunity to specialize allows students to make career choices based on personal interest. All seniors are required to complete core rotations that cover all major domestic species.