

**Doctor of Veterinary Medicine Curriculum**  
**Academic Year 2024-2025**

Revised: April 18, 2024



**DOCTOR OF VETERINARY  
 MEDICINE PROGRAM**  
 COLORADO STATE UNIVERSITY

1 <sup>st</sup> Year Fall Semester Core Courses			1 <sup>st</sup> Year Spring Semester Core Courses		
Code	Title	Credits	Code	Title	Credits
VM 603	Veterinary Science: Research and Methods	1	VM 611	Foundations of Veterinary Medicine II	1
VM 606	Veterinary Immunology	3	VM 619	Veterinary Neurobiology	4
VM 610	Foundations of Veterinary Medicine I	1	VM 623	Veterinary Nutrition and Metabolism	2
VM 616	Functional Anatomy	9	VM 637	Veterinary Bacteriology & Mycology	2
VM 618	Veterinary Physiology & Histology	7	VM 638	Veterinary Parasitology	2
	Total Required Credits	21	VM 639	Veterinary Virology	2
			VM 640	Biology of Disease I	5
			VM 648	Food Animal Production & Food Safety	2
				Total Required Credits	20
1 <sup>st</sup> Year Fall Electives			1 <sup>st</sup> Year Spring Electives		
ACT 205	Fundamentals of Accounting (online course)	3	FIN 305	Fundamentals of Finance (online course)	3
			VM 612	Healer's Art (online course)	1
			VM 621	Exotic Animal Anatomy & Husbandry	2
			VM 795	Large Animal Anatomy (IS)	1
2 <sup>nd</sup> Year Fall Semester Core Courses			2 <sup>nd</sup> Year Spring Semester Core Courses		
Students will be required to complete the <b>Capstone Exam I</b> , covering 1 <sup>st</sup> year material. Open-book cases are completed over Summer between 1 <sup>st</sup> & 2 <sup>nd</sup> year; a closed-book, multiple choice exam is completed on the first day of Fall semester, 2 <sup>nd</sup> year. Passing this examination is required for progression in the program.					
Code	Title	Credits	Code	Title	Credits
VM 710	Foundations of Veterinary Medicine III	1	VM 711	Foundations of Veterinary Medicine IV	1
VM 714	Veterinary Preventive Medicine	4	VM 733	Principles of Surgery	2
VM 722	Veterinary Pharmacology	4	VM 737	Principles of Anesthesia	3
VM 724	Bioanalytical Pathology	6	VM 742	Biology of Disease III	3
VM 735	Animal Welfare	2	VM 744	Theriogenology	3
VM 741	Biology of Disease II	4	VM 745	Clinical Sciences I	5
VM 751	Veterinary Clinical Toxicology	2	VM 747	Clinical Sciences II	5
	Total Required Credits	23		Total Required Credits	22
2 <sup>nd</sup> Year Fall Electives			2 <sup>nd</sup> Year Spring Electives		
LSPA 700	Spanish for Veterinary Wellness Appointments	2	ANEQ 445	Foaling Management	2
MGT 305	Fundamentals of Management (online course)	3	BUS 205	Legal and Ethical Issues in Business (online course)	3
VM 707	Emerging Issues in Animal Health	1	LSPA 701	Spanish for Veterinary Health Histories	2
VM 796J	Swine Medicine (online course)	1	**MIP 675	Advanced Bioanalytic Pathology (ODD years)	2
			VM 612	Healer's Art (online course)	1
			VM 716	Principles of Shelter Veterinary Medicine	1
**MIP 675 is only offered in odd years					
3 <sup>rd</sup> Year Fall Semester Core Courses			3 <sup>rd</sup> Year Spring Semester Core Courses		
Students will be required to complete the <b>Capstone Exam II</b> (2 <sup>nd</sup> year material) in the same format as Capstone Exam I: open-book cases over summer before 3 <sup>rd</sup> year and a closed-book, multiple choice exam on the first day of Fall, 3 <sup>rd</sup> year. Passing this examination is required for progression in the program.			Students will be required to complete the <b>Capstone Exam III</b> (3 <sup>rd</sup> year material) at the end of the <b>Spring semester</b> . Passing this examination is required for progression in the program.		
Code	Title	Credits	Code	Title	Credits
VM 728	Principles of Imaging Interpretation	3	VM 772	Veterinary Professional Development	2
VM 749	Clinical Sciences III	5	VM 779	Rational Antimicrobial Therapy	1
VM 753	Clinical Sciences IV	5	VM 786A	Third Year Practicum	6
VM 786A	Third Year Practicum	8		Track Selectives	
	Total Required Credits	21		Small Animal Track Core Courses	
			VM 773	Small Animal Medicine & Surgery I	4
			VM 774	Small Animal Medicine & Surgery II	4
				Large Animal Track Core Courses	
			VM 757	Bovine Herd Medicine	3
			VM 763	Equine Medicine & Surgery	5
				General Track Core Courses	
			Choose a minimum of 7 credits from VM 773, VM 774, VM 757 & VM 763		
			*** VM 731 credits cannot be counted to fulfill Track Selective requirements		
				Total Required Credits	16-18
3 <sup>rd</sup> Year Fall Electives			3 <sup>rd</sup> Year Spring Electives		
LSPA 702	Spanish for Veterinary Diagnostics	2	LSPA 703	Spanish for Veterinary Treatment Plans	2
LGEM 704	VM Cultural Awareness and Access to Care	1	**MIP 675	Advanced Bioanalytic Pathology (ODD yrs)	2
MKT 305	Fundamentals of Marketing (online course)	3	MIP 766	Cytopathology—Clinical Pathology	1
VM 721	Non-Mammalian Vertebrate Medicine	2	VM 612	Healer's Art (online course)	1
VM 732	Veterinary Sports Medicine and Rehabilitation	1	***VM 731	Biology & Disease of Small Mammals	2
VM 796J	Swine Medicine (online course)	1	VM 775	Veterinary Practice Management	1
VM 796R	Food Animal Clinical Problems	3	VM 776	Veterinary Mobility and Pain Management	1
			VM 777	Feline Medicine	1
**MIP 675 is only offered in odd years.					
***VM 731 does not fulfill required or Selective Track Credit requirements.					
4 <sup>th</sup> Year: Summer – Fall – Spring					
Code	Title				Credits
VM 786B	Fourth Year Practicum				42 (14 each term)