

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

Revised: July 25, 2024



1 st Year Fall Semester Core Courses			1 st 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 st Year Fall Electives			1 st 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 nd Year Fall Semester Core Courses			2 nd Year Spring Semester Core Courses		
Students will be required to complete the Capstone Exam I , covering 1 st year material. Open-book cases are completed over Summer between 1 st & 2 nd year; a closed-book, multiple choice exam is completed on the first day of Fall semester, 2 nd 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 nd Year Fall Electives			2 nd 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	VM 612	Healer's Art (online course)	1
			VM 716	Principles of Shelter Veterinary Medicine	1
3 rd Year Fall Semester Core Courses			3 rd Year Spring Semester Core Courses		
Students will be required to complete the Capstone Exam II (2 nd year material) in the same format as Capstone Exam I: open-book cases over summer before 3 rd year and a closed-book, multiple choice exam on the first day of Fall, 3 rd year. Passing this examination is required for progression in the program.			Students will be required to complete the Capstone Exam III (3 rd year material) at the end of the Spring semester . 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		<i>Track Selectives</i>	
	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 rd Year Fall Electives			3 rd Year Spring Electives		
LSPA 702	Spanish for Veterinary Diagnostics	2	LSPA 703	Spanish for Veterinary Treatment Plans	2
LGEN704+	VM Cultural Awareness and Access to Care	1	MIP 766	Cytopathology—Clinical Pathology	1
MKT 305	Fundamentals of Marketing (online course)	3	VM 612	Healer's Art (online course)	1
VM 721	Non-Mammalian Vertebrate Medicine	2	***VM 731	Biology & Disease of Small Mammals	2
VM 732	Veterinary Sports Medicine and Rehabilitation	1	VM 775	Veterinary Practice Management	1
VM 796J	Swine Medicine (online course)	1	VM 776	Veterinary Mobility and Pain Management	1
VM 796R	Food Animal Clinical Problems	3	VM 777	Feline Medicine	1
+ LGEN 704 is an elective rotation within practicum schedule ***VM 731 does not fulfill required or Selective Track Credit requirements.					
4 th Year: Summer – Fall – Spring					
Code	Title	Credits			
VM 786B	Fourth Year Practicum	42 (14 each term)			

First Year

Courses:

Fall Semester			Spring Semester		
Required	Title	Credits	Required	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
<u>Total Required Fall Credits:</u> 21			VM 639	Veterinary Virology	2
			VM 640	Biology of Disease I	5
			VM 648	Food Animal Production & Food Safety	2
			<u>Total Required Spring Credits:</u> 20		
Electives*	Title	Credits	Electives*	Title	Credits
ACT 205	Fundamentals of Accounting	3	FIN 305	Fundamentals of Finance	3
			VM 612	Healer's Art <i>(Specific course dates)</i>	1
			VM 621	Exotic Animal Anatomy & Husbandry	2
			VM 795	Large Animal Anatomy (IS)	1

* Facilities fee will vary with the number of credit hours taken. The charge per credit starting at the 19th credit is decreased to \$15 per credit hour.

Please Note: This course schedule will not be finalized until 6 weeks prior to the start of the semester, though every attempt will be made to inform you of any changes or additions in a timely manner.

This is only valid for the following academic year: 2024-2025

Final Exam schedule arranged after each semester begins

1ST Year Weekly Schedule by Term:

Fall 2024 (August 19 – December 6, 2024)

	Monday	Tuesday	Wednesday	Thursday	Friday	ONLINE	
8:00	VM 616 W118	VM 618 W118	VM 618 (L) W118		VM 618 W118	Business Electives	
9:00				VM 618 W118	VM 616 W118		
10:00	VM 616 (L) W117	VM 616 (R01) W118	VM 616 (L) W117	VM618 (L) W118	VM 616 (L) W117		
11:00		VM 616 W118		VM 606 W118			
Noon							
1:00	VM 603 W118	VM 618 W118	VM 610 W118	VM 616 W118			
2:00	VM 606 W118		VM 610 (L) W118	VM 616 (L) W117			
3:00			VM 610 (L) Breakout Rooms: PATH109, W118, AZ E116/118				
4:00							
5:00							

Spring 2025 (January 21 – May 9, 2025)

	Monday	Tuesday	Wednesday	Thursday	Friday	ONLINE
8:00	VM 637 W118		VM 637 W118	VM 648*** W118	VM 640 (R01) PA112	Business Electives
9:00	VM 619 W118		VM 619 W118		VM 640 (R02) PA112	
10:00	VM 619 Lab All Sect. W117/PA112	VM 619 W118	VM 619 Lab All Sect. W117/PA112	VM 619 Lab All Sect. W118	VM 640 (R03) PA 112	
11:00		VM 623 W118		VM 623 W118		
Noon						
1:00	VM 640 W118	VM 640 W118	VM 640 W118	VM 640 W118	VM 648*** (Field Trips)	VM 795* (Flexible schedule. See Canvas/Course Coordinator)
2:00	VM 611 W118	VM 638 W118	VM 638 W118	VM 639 W118		
3:00	VM 611 Multiple rooms- see syllabus	VM 621* AZ W118	VM 621 Lab* W117			
4:00						
5:00						
6:00						
7:00			VM 612* Synchronous Online			
8:00						

*Elective Courses

***Field trips, see Registration sheet for more info

Second Year

Courses:

Fall Semester			Spring Semester		
Required	Title	Credits	Required	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 <i>(Course Dates: 01/21/2025 - 03/14/2025)</i>	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 <i>(Course Dates: 01/21/2025 - 03/14/2025)</i>	5
VM 751	Veterinary Clinical Toxicology	2	VM 747	Clinical Sciences II <i>(Course Dates: 03/24/2025 - 05/09/2025)</i>	5
<u>Total Required Credits:</u> 23			<u>Total Required Credits:</u> 22		
Electives*	Title	Credits	Electives*	Title	Credits
LSPA 700	Spanish for Veterinary Wellness Appts	2	ANEQ 445	Foaling Management	2
MGT 305	Fundamentals of Management	3	BUS 205	Legal and Ethical Issues in Business	3
VM 707	Emerging Issues in Animal Health	1	LSPA 701	Spanish for Veterinary Health Histories	2
VM 796J	Group Study: Swine Medicine <i>(Course dates: 10/14/2024 - 12/8/2024)</i>	1	VM 612	Healer's Art <i>(Specific course dates)</i>	1
			VM 716	Principles of Shelter Veterinary Medicine	1

* Facilities fee will vary with the number of credit hours taken. The charge per credit starting at the 19th credit is decreased to \$15 per credit hour.

Please Note: This course schedule will not be finalized until 6 weeks prior to the start of the semester, though every attempt will be made to inform you of any changes or additions in a timely manner.

This is only valid for the following academic year: 2024-2025

Final Exam schedule arranged after each semester begins

2nd Year Weekly Schedule by Term:

Fall 2024 (August 19 – December 6, 2024)

	Monday	Tuesday		Wednesday	Thursday		Friday	Online	
8:00	VM 741 PATH101	VM 751 PATH101		VM 714 PATH101	VM 751 PATH101		VM 741 (R01) PATH112	LSPA 700-049* (UAF Only) MGT 305* VM 796J* (Online)	
9:00		VM 724 (R01)** PATH112			VM 724 (R01)** PATH112				
10:00	VM 724 PATH101	VM 724 (R02)** PATH112		VM 724 PATH101	VM 724 (R02)** PATH112		VM 741 (R02) PATH112		
11:00		VM 724 (R03)** PATH112	VM 724 (all Recitations)** PATH101		VM 724 (R03)** PATH112	VM 724 (all Recitations)** PATH101	VM 741 (R03) PATH112		
Noon									
1:00	VM 722 PATH101	VM 722 PATH101		VM 722 PATH101	VM 722 PATH101				
2:00	VM 714 PATH 101	VM 710 PATH 101		LSPA 700* PATH 101	VM 741 PATH 101				
3:00		VM 710 (L) multiple rooms PATH109, PATH101, AZ E116/118		VM 707* AZ E112	VM 735 PATH101				
4:00	**Field Trips arranged, see syllabus								
5:00									

*Elective Courses **All VM 724 recitation sections meet from 11:00-11:50 in PATH 101 approximately fifty percent of the time

Spring 2025 (January 21 – May 9, 2025)

	Monday	Tuesday		Wednesday	Thursday	Friday	Online
8:00	VM 742 PATH101	VM 744 L01 PATH112		VM 737 R02 PATH109&101	VM 733 (ALL) PATH101	VM 742 PATH101	BUS 205*
9:00	VM 737 PATH101		VM 733 002 PATH101	VM 737 R03 PATH109&101	VM 745/747 PATH101	VM 742 R01 PATH112	
10:00	VM 745/747 PATH101	VM 744 L02 PATH112	VM 733 003 PATH101	VM 737 R01 PATH109&101		VM 742 R02 PATH112	
11:00	VM 716* PATH 101		VM 733 001 PATH101		LSPA 701* PATH 101	VM 742 R03 PATH112	
1:00	VM 745/747 PATH101	VM 744 L03 PATH112		VM 745/747 PATH101	VM 745/747 PATH101	VM 737 PATH101	
2:00		VM 711 PATH 101		VM 744 PATH101		VM 744 PATH101	
3:00	VM 747 Lab** (Only 2 Mondays of term)	VM 711 Lab multiple rooms (PA101, PA109, E116/118)			VM 747 PATH101		
4:00				ANEQ 445* PATH101			
5:00							
6-9pm				VM 612* Synchronous Online			

*Elective Courses

**VM 747 has 2 Monday labs from 3-5 PM. See Canvas for details

Third Year

Courses:

Fall Semester			Spring Semester		
Required	Title	Credits	Required	Title	Credits
VM 728	Principles of Imaging Interpretation	3	VM 772	Veterinary Professional Development <i>(Course Dates: 04/21/2025 - 05/2/2025)</i>	2
VM 749	Clinical Sciences III	5	VM 779	Rational Antimicrobial Therapy	1
VM 753	Clinical Sciences IV	5	VM 786A	Junior Practicum	6
VM 786A	Junior Practicum	8	<i>Track Selectives</i>		
<u>Total Required Credits:</u> 21			Small Animal Track (Required Courses)		
			VM 773	Small Animal Medicine & Surgery I <i>(Course Dates: 01/21/2025 - 03/14/2025)</i>	4
			VM 774	Small Animal Medicine & Surgery II <i>(Course Dates: 03/24/2025 - 05/09/2025)</i>	4
			Large Animal Track (Required Courses)		
			VM 757	Bovine Herd Medicine	3
			VM 763	Equine Medicine & Surgery	5
			General Track (Choose 7 credits)		
			Minimum of 7 credits from VM 773, VM 774, VM 757 & VM 763		
			*** VM 731 credits cannot be counted to fulfill Track Selective requirements		
			<u>Total Required Credits:</u> 16-17		
Electives*	Title	Credits	Electives*	Title	Credits
LGEN704+	VM Cultural Awareness & Access to Care <i>(Course Dates: 10/28/24 – 11/1/24)</i>	1	LSPA 703	Spanish for Veterinary Treatment Plans	2
LSPA 702	Spanish for Veterinary Diagnostics	2	MIP 766	Cytopathology—Clinical Pathology	1
MKT 305	Fundamentals of Marketing	3	VM 612	Healer’s Art <i>(Specific course dates)</i>	1
VM 721	Non-Mammalian Vertebrate Medicine	2	VM 731***	Biology & Disease of Small Mammals	2
VM 732	Veterinary Sports Medicine and Rehabilitation	1	VM 775	Veterinary Practice Management <i>(Course Dates: 01/21/2025 - 01/24/2025)</i>	1
VM 796J	Group Study: Swine Medicine	1	VM 777	Feline Medicine	1
VM 796R	Group Study: Food Animal Clinical Problems	3	VM 776	Veterinary Mobility and Pain Management	1
<p>* Facilities fee will vary with the number of credit hours taken. The charge per credit starting at the 19th credit is decreased to \$15 per credit hour. *** VM 731 does not fulfill required or Selective Track Credit requirements. + LGEN 704 is an elective rotation within practicum schedule</p>					
<p>Please Note: This course schedule will not be finalized until 6 weeks prior to the start of the semester, though every attempt will be made to inform you of any changes or additions in a timely manner. <b style="color: red;">This is only valid for the following academic year: 2024-2025</p>					

Final Exam schedule arranged after each semester begins

3rd Year Weekly Schedule by Term:

Fall 2024 (August 19 – December 6, 2024)

	Monday	Tuesday	Wednesday	Thursday	Friday	Online
8:00	VM 786A 3rd Year Practicum, Mon-Fri, 8 AM – Noon (Rotations may exceed the Noon end time, depending on clinical requirements.) LGEM 704 elective rotation course dates: 10/28/24 – 11/1/24					
9:00						
10:00						
11:00						
Noon – No Classes						
1:00	VM 749/VM 753 TMI 331	VM 749/VM 753 TMI 331	VM 749/VM 753 TMI 331	VM 749/VM 753 TMI 331	VM 749/VM 753 TMI 331	Business Electives* VM 796J*
2:00						
3:00	VM 728 TMI 331	VM 721* TMI 331	VM 728 TMI 331	VM 796R* TMI 331	VM 728 TMI 331	
4:00	LSPA 702* VTH A234		VM 796R* TMI 331		VM 732* TMI 331	

*Elective Courses

Spring 2025 (January 21 – May 9, 2025)

	Monday	Tuesday	Wednesday	Thursday	Friday	Online
8:00	VM 786A 3rd Year Practicum, Mon-Fri, 8 AM – Noon: Rotations may exceed the Noon end time, depending on clinical requirements. The following courses will replace the clinical rotation schedule. <u>The following are Mon – Fri, 8 – 11:50 am in VTH B213 instead of practicum rotations. Please note date ranges for each course:</u> Tues, January 16 – Fri, January 19: VM 775* (elective) no rotations scheduled. Mon, April 21 – Fri, May 2: VM 772 (required) no rotations scheduled.					
9:00						
10:00						
11:00						
Noon		VM731* TMI 331	VM731* TMI 331			
1:00	VM 763 TMI 331	VM 773/774 TMI 331	VM 773/774 TMI 331	VM 757 TMI 331	VM 773/774 TMI 331	
2:00						
3:00	VM 773/774 TMI 331	VM 763 TMI 331	VM 779 TMI 331		VM 763 TMI 331	
4:00			VM776* TMI 331	VM 777* TMI 331		
5:00		LSPA 703 VTH B213 (JLH)	MIP 766* DMC 132			
6:00			VM 612 (6-9 PM)* Synchronous Online			

*Elective Courses

Fourth Year

Summer – Fall – Spring Terms: May 9, 2024 – May 16, 2025

Required	Title	Credits
VM 786 B	Senior Practicum	42

Please Note: This course schedule will not be finalized until 6 weeks prior to the start of the semester, though every attempt will be made to inform you of any changes or additions in a timely manner.

This is only valid for the following academic year: 2024-2025

Rotation Requirements by Track

Small Animal Track Core Rotations and Duration

Anesthesia	3 weeks	Neurology	2 weeks
Cardiology	2 weeks	Oncology	2 weeks
Critical and Emergency Care in Small Animals	2 weeks	Ophthalmology	2 weeks
Critical Urgent Care	4 weeks	Postmortem Diagnosis	2 weeks
Community Practice	4 weeks	Small Animal Orthopedic Surgery/Medicine Rehab	2 weeks
Dentistry	2 weeks	Small Animal General Soft Tissue Surgery	2 weeks
Dermatology	2 weeks	Required Electives for SA Track	4 weeks
Diagnostic Imaging	2 weeks	Allowed Vacation for SA Track	8 weeks
Small Animal Internal Medicine	3 weeks		

General Track Core Rotations and Duration

Anesthesia	3 weeks	Small Animal General Soft Tissue Surgery	2 weeks
Critical and Emergency Care in Small Animals	2 weeks	*Equine Field Service or Dairy Field Service	2 weeks
Critical Urgent Care	4 weeks	Equine Medicine	2 weeks
Community Practice and Spay/Neuter	2 weeks	Equine Lameness and Surgery	2 weeks
Diagnostic Imaging	2 weeks	Livestock Surgery and Medicine	2 weeks
Small Animal Internal Medicine	2 weeks	Large Animal Emergency Medicine	2 weeks
Oncology	2 weeks	Approved Externship	1 week
Postmortem Diagnosis	2 weeks	Required Electives for GEN Track	6 weeks
Small Animal Orthopedic Surgery/Medicine Rehab	2 weeks	Allowed Vacation for GEN Track	8 weeks

Large Animal Track Core Rotations and Duration

Anesthesia	3 weeks	Livestock Surgery and Medicine	2 weeks
Diagnostic Imaging	2 weeks	Dairy Field Service	2 weeks
Postmortem Diagnosis	2 weeks	Large Animal Emergency Medicine	2 weeks
Small Animal Internal Medicine	2 weeks	Approved Externship	1 week
**Small Animal Specialty Service	2 weeks	Large Animal Approved Externship	6 weeks
Equine Field Service	2 weeks	Small Animal Urgent Care	2 weeks
Equine Medicine	2 weeks	Required Electives for LARGE Track:	6 weeks
Equine Lameness and Surgery	4 weeks	Allowed Vacation for LARGE Track:	8 weeks

***General trackers** will be required to choose Equine Field or Food Animal Field. Deb Liptak will ask for your preferences and make every attempt to schedule the field service you prefer, dependent on availability.

****Large animal trackers** will be required to have a core of one of the following small animal specialty services: Cardiology, Dermatology, Neurology, or Ophthalmology. Deb Liptak will ask for your preference in ranked order and will make every attempt to schedule your preferences.