

**2010-2011 ACADEMIC YEAR  
PROFESSIONAL VETERINARY MEDICINE CURRICULUM**

FALL SEMESTER		SPRING SEMESTER	
<b>FIRST YEAR</b>		<b>FIRST YEAR</b>	
<i>Credits</i>		<i>Credits</i>	
<u>Required</u>		<u>Required</u>	
VM 606	Veterinary Immunology	3	
VM 616	Functional Anatomy	8	VM 619 Veterinary Neurobiology
VM 618	Organ Systems: Anatomy/Physiology	7	VM 623 Veterinary Nutrition & Metabolism
VM 625	Principles of Diagnostic Imaging	2	VM 637 Veterinary Bacteriology and Mycology
			VM 638 Veterinary Parasitology
			VM 639 Veterinary Virology
			VM 640 Biology of Disease I
			VM 648 Food Animal Production & Food Safety
<b>SELECTIVES: Choose ONE of the following</b>		<u>Electives</u>	
VM 601	Perspectives in Veterinary Medicine	1	VM 621 Exotic Animal Anatomy & Husbandry
VM 680A1	Research in Veterinary Medicine	1	FIN 305 Fundamentals of Finance
<u>Elective</u>			
ACT 205	Fundamentals of Accounting	3	
<b>SECOND YEAR</b>		<b>SECOND YEAR</b>	
<i>Credits</i>		<i>Credits</i>	
<u>Required</u>		<u>Required</u>	
VM 714	Preventive Medicine	4	VM 726 Principles of Imaging Interpretation I
VM 722	Veterinary Pharmacology	4	VM 733 Principles of Surgery
VM 724	Bioanalytical Pathology	6	VM 737 Principles of Anesthesia
VM 741	Biology of Disease II	4	VM 742 Biology of Disease III
VM 751	Veterinary Clinical Toxicology	2	VM 744 Theriogenology
VM 795	Capstone Exam (first-year material)	1	VM 745 Clinical Sciences I
			VM 747 Clinical Sciences II
<b>SELECTIVES: Choose ONE or BOTH of the following:</b>		<u>Electives</u>	
VM 704	Veterinary Ethics	1	VM 796F Problem-Based Learning
VM681A1	Foundations of Veterinary Medicine (limited enrollment)	1	ANEQ 445 Foaling Management
			FIN 305 Fundamentals of Finance
			BUS 205 Legal/Ethical Issues Business
			VM 716 Principles of Shelter Veterinary Medicine
<u>Electives</u>			
VM 707	Emerging Issues in Infectious Disease	1	
ACT 205	Fundamentals of Accounting	3	
MGT 305	Fundamentals of Management	3	
<b>THIRD YEAR</b>		<b>THIRD YEAR</b>	
<i>Credits</i>		<i>Credits</i>	
<u>Required</u>		<u>Required</u>	
VM 728	Prin. of Imaging Interpretation II	2	VM 712 Practice Management and Professional Development
VM 749	Clinical Sciences III	5	VM 730 Applied Animal Behavior
VM 753	Clinical Sciences IV	5	VM 786AV Junior Practicum
VM 786AV	Junior Practicum	6	VM 795 Capstone Exam (third-year material)
VM 795	Capstone Exam (second-year material)	1	
<u>Electives</u>		<b>TRACK SELECTIVES</b>	
VM 720	Alternative & Complementary Therapeutics	1	<u>Small Animal Practice Track (Required)</u>
VM 721	Non-Mammalian Vertebrate Medicine	2	VM 773 Small Animal Medicine & Surgery I
VM 796J	Swine Medicine	1	VM 774 Small Animal Medicine & Surgery II
VM 796R	Food Animal Clinical Problems	3	
MKT 305	Fundamentals of Marketing	3	<u>Large Animal Practice Track (Required)</u>
			VM 757 Bovine Herd Medicine
			VM 763 Equine Medicine & Surgery I
			<u>General Animal Practice Track (Required to choose at least 7 credits from the following.)</u>
			VM 757 Bovine Herd Medicine
			VM 763 Equine Medicine & Surgery I
			VM 773 Small Animal Medicine & Surgery I
			VM 774 Small Animal Medicine & Surgery II
			-----
			<u>Elective</u> (VM 731 credits cannot be counted to fulfill semester Core Credit requirements consisting of Required courses and Track Selective courses.)
			VM 731 Biology & Disease of Small Mammals
<b>FOURTH YEAR (Summer - Fall - Spring)</b>			
<i>Credits</i>			
VM 786BV	Senior Practicum		42
<u>Summer Elective</u>			
MGT 340	Entrepreneurship in the Contemporary World - Summer		3

6/28/2010

**FIRST YEAR - Fall 2010 (August 23 - December 10)**

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00	VM 616 W118	VM 625 W118	VM 606 W118	VM 625 W118	
9:00	VM 616 W118	VM 618 W118	VM 616 W118	VM 618 W118	VM 618 W118
10:00	VM 616 (L) W117	VM 616 (R) W118	VM 616 (L) W117	VM618 (R) W118	VM 606 W118
11:00		VM 601 W118		VM 680 A1 W118	
12:00	ACT 205		ACT 205		ACT 205
1:00	VM 618 W118	VM 618 W118	VM 618 (L) PA112	VM 616 W118	VM 616 W118
2:00	VM 618 (L) PA112	VM 618 (L) PA112		VM 616 (L) W117	VM 616 (L) W117
3:00					
4:00					
5:00					

Final exams to be arranged.

**Required**

VM 606	Veterinary Immunology	3 (3-0-0)
VM 616	Functional Anatomy	8 (4-9-1)
VM 618	Organ Systems: Anatomy and Physiology	7 (5-6-0)
VM 625	Principles of Diagnostic Imaging	<u>2 (2-0-0)</u>

**Selective (choose ONE of the following):**

VM 601	Perspectives in Veterinary Medicine	1 (1-0-0)
	OR	
VM 680A1	Research in Veterinary Medicine	1 (1-0-0)

**Total Required Credits 21 (15-15-1)**

**College of Business Elective**

ACT 205	Fundamentals of Accounting	3 (3-0-0)
---------	----------------------------	-----------

6/28/2010

**FIRST YEAR - Spring 2011 (January 18 – May 6)**

	Monday	Tuesday	Wednesday		Thursday	Friday	
8:00	VM 637 W118	VM 637 W118			VM 648 W118	VM 640 (R01) PA112	VM637/639 (R02) A207 MICRO
9:00	VM 619 W118	VM 637 W118	VM 619 W118			VM 640 (R02) PA112	VM637/639 (R03) A207 MICRO
10:00	VM 619 Lab All Sect. W117	VM 619 W118	VM 619 Lab All Sect. W117		VM 619 Lab All Sect W118	VM 640 (R03) PA112	VM637/639 (R01) A207 MICRO
11:00		VM 623 W118			VM 623 W118		
12:00							
1:00	VM 640 W118	VM 640 W118	VM 640 W118		VM 640 W118	VM 648* W118	
2:00	VM 638 W118		VM 638 W118		VM 639 W118		
3:00	FIN 305	VM 621 A221 VTH	VM 621 Lab W117	FIN305		FIN 305	
					VM 639 Yates 104		
4:00							
5:00							

Final exams to be arranged.

Required

VM 619	Veterinary Neurobiology	4 (3-3-0)
VM 623	Veterinary Nutrition and Metabolism	2 (2-0-0)
VM 637	Veterinary Bacteriology and Mycology	3 (3-0-0)
VM 638	Veterinary Parasitology	2 (2-0-0)
VM 639	Veterinary Virology	2 (2-0-0)
VM 640	Biology of Disease I	5 (4-0-1)
VM 648	Food Animal Production and Food Safety	2 (2-0-0)
	(*Friday class time is for VM 648 field trips and certain guest lectures instead of Thursday session)	
VM 780A1	Professional Writing for Veterinarians	<u>1(1-0-0)</u>

**Total Required Credits 21 (19-3-1)**

Electives

VM 621	Exotic Animal Anatomy & Husbandry	2 (1-1-0)
FIN 305	Fundamentals of Finance	3 (3-0-0)

6/28/2010

**SECOND YEAR - Fall 2010 (August 23 - December 10)**

	Monday	Tuesday	Wednesday	Thursday		Friday
8:00						VM 741 PA112 R01
9:00	VM 714 PA101	VM 724 PA112 R01 *	VM 714 PA101	VM704 W205 A/Z Sec 2	VM 724 * PA112 R01	VM 741 PA112 R02
10:00	VM 724 PA101	VM 724 PA112 R02 *		VM 704 W205 A/Z Sec 3	VM 724 * PA112 R02	VM 741 PA112 R03
11:00	VM 724 PA101	VM 724 PA101 R03 *	VM 724 PA101	VM 704 W205 A/Z Sec 4	VM 724 * PA101 R03	
12:00	MGT 305 Clark C 142		MGT 305 Clark C 142			MGT 305 Clark C 142
1:00	VM 722 PA101	VM 722 PA101	VM 722 PA101	VM 722 PA101		VM 741 PA101
2:00	VM 751 PA101	VM 741 PA 101	VM 741 PA101	VM 714 PA101		VM 724 PA101
3:00	VM 707 AZ E112 Sec 1	VM 751 PA101	VM 707 AZ E112 Sec 2	VM 681A1 Foundations of Veterinary Medicine		
4:00- 5:15	ACT 205 Clark A203		ACT 205 Clark A203	PA 101		

\*Approximately fifty percent of the time all sections meet together from 11:00-11:50 am

**Final exams to be arranged.**

**Required**

VM 714 Preventive Medicine	4 (2-0-2)
VM 722 Veterinary Pharmacology	4 (4-0-0)
VM 724 Bioanalytical Pathology	6 (4-0-2)
VM 741 Biology of Disease II	4 (3-0-1)
VM 751 Veterinary Clinical Toxicology	2 (2-0-0)
VM 795 Capstone Exam	1(1-0-0)

**Selectives (choose one or both of the following)**

VM 681A1 Foundations of Veterinary Medicine	1 (0.5-0.5-0)
VM 704 Veterinary Ethics	<u>1 (1-0-0)</u>

**Total Required Credits 22**  
(distribution varies by selective)

**Electives**

VM 707 Emerging Issues in Infectious Disease	1 (1-0-0)
ACT 205 Fundamentals of Accounting (if you did not take it as a 1 <sup>st</sup> Year PVM student)	3 (3-0-0)
MGT 305 Fundamentals of Management	3 (3-0-0)

6/28/2010

SECOND YEAR - Spring 2011 (January 18 – May 6)

	Monday		Tuesday			Wednesday		Thursday		Friday	
8:00	VM 742 PA101		VM 744 L01 PA112		VM 737 R02 Clark C144	VM 733 PA101		VM 742 PA101		VM 733 PA101	
9:00	VM 737 PA101			VM 733 002 PA101	VM 737 R03 Clark C144	VM 745/747 PA101		VM 742, R01 PA112			
10:00	VM 745/747 PA101		VM 744 L02 PA112	VM 733 003 PA101	VM 737 R01 Clark C144			VM 742, R02 PA112		VM 745/747 PA101	
11:00	VM 726 PA101			VM 733 001 PA101		VM 726 PA101		VM 742, R03 PA112			
12:00	VM796F*	BUS 205	VM796F*			VM796F*	BUS 205	VM796F*		VM796F*	BUS 205
1:00	VM 745/747 PA101		VM 744 L03 PA112			VM 745/747 PA101		VM 745/747 PA101		VM 737 PA101	
2:00						VM 744 PA101					
3:00	FIN 305		VM 716 PA 101			FIN 305		VM 747 PA101 (03/21 – 05/06 only)		FIN 305	
4:00								ANEQ 445 PA101			
5:00											

Final exams to be arranged.

Required

VM 726	Principles of Imaging Interpretation I		2 (1-0-1)
VM 733	Principles of Surgery	(1/18 – 3/11)	2 (2-0-0)
VM 737	Principles of Anesthesia		3 (3-0-0)
VM 742	Biology of Disease III		3 (2-0-1)
VM 744	Theriogenology		3 (2-1-0)
VM 745	Introduction to Clinical Sciences I	(1/18 – 3/11)	5 (5-0-0)
VM 747	Introduction to Clinical Sciences II	(3/21 – 5/06)	5 (5-0-0)

**Total Required Credits 23 (20-1-2)**

Electives

ANEQ 445	Foaling Management (Lab section times to be arranged)		2 (1-1-0)
FIN 305	Fundamentals of Finance (if you did not take it as a 1 <sup>st</sup> Year student)		3 (3-0-0)
BUS 205	Legal/Ethical Issues Business		3 (3-0-0)
VM 716	Basic Principles of Shelter Veterinary Medicine		1 (1-0-0)
* VM 796F	Problem-Based Learning (Sections/rooms to be arranged)		1 (0-0-1)

(\*each student takes only one section/time slot per week)

6/28/2010

**THIRD YEAR - Fall 2010 (August 23 - December 10)**

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00	VM 786AV Junior Practicum				
9:00					
10:00					
11:00					
12:00					
1:00	VM 749/VM 753	VM 749/VM 753	VM 749/VM 753	VM 749/VM 753	VM 749/VM 753
2:00					
3:00	VM 728	VM 721	VM 728	VM 796R	VM 796R
4:00	MKT 305		MKT 305		MKT 305
5:00	VM 720				

Final exams to be arranged.

Required

VM 786AV	Junior Practicum	6 (0-0-6)
VM 728	Principles of Imaging Interpretation II	2 (2-0-0)
VM 749	Clinical Sciences III (8/ 23-10/ 15)	5 (5-0-0)
VM 753	Clinical Sciences IV (10/18-12/10 )	5 (5-0-0)
VM 795	Capstone (second-year material)	1 (1-0-0)
<b>Total Required Credits</b>		<b>19 (13-0-6)</b>

Electives

VM 720	Alternative & Complementary Therapeutics	1 (1-0-0)
VM 721	Non-Mammalian Vertebrate Medicine	2 (0-0-2)
VM 796J	Swine Medicine	1 (1-0-0)
VM 796R	Food Animal Clinical Problems	3 (3-0-0)
MKT 305	Fundamentals of Marketing	3 (3-0-0)

6/28/2010

**THIRD YEAR – Spring 2011 (January 18 – May 6)**

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00	VM 712 (January 18– February 11)				
9:00					
10:00	VM 786AV Junior Practicum (February 14– May 6)				
11:00	Practicum Rotations may run past 12:00 PM, depending on clinical requirements!				
12:00					
1:00	VM 763	VM 773/VM 774	VM 763	VM 763	VM 763
2:00	VM 773/VM 774		VM 773/VM 774		VM 773/VM 774
3:00	VM 757	VM 730		VM 773/VM 774	
4:00			VM 731	VM 757	
5:00					

Final exams to be arranged

**ALL STUDENTS REGISTER FOR:**

VM 712	Practice Management & Professional Development	(1/18 – 2/11)	4 (4-0-0)
VM 730	Applied Animal Behavior	(01/18 – 5/6)	2 (2-0-0)
VM 786AV	Junior Practicum	(2/14 – 5/6)	8 (8-0-0)
VM 795	Capstone (third-year material)		2 (2-0-0)

**SMALL ANIMAL PRACTICE TRACK SELECTIVES: A Small Animal Tracker must register for VM 773 and VM 774.**

VM 773	Small Animal Medicine and Surgery I	(1/18 – 3/11)	4 (4-0-0)
VM 774	Small Animal Medicine and Surgery II	(3/21 – 5/06)	4 (4-0-0)

**LARGE ANIMAL PRACTICE TRACK SELECTIVES: A Large Animal Tracker must register for VM 757 and VM 763.**

VM 757	Bovine Herd Medicine		3 (3-0-0)
VM 763	Equine Medicine and Surgery I		5 (5-0-0)

**GENERAL ANIMAL PRACTICE TRACK SELECTIVES: A General Animal Tracker must register for at least 7 credits from this list of Track Selectives.**

VM 757	Bovine Herd Medicine		3 (3-0-0)
VM 763	Equine Medicine and Surgery I		5 (5-0-0)
VM 773	Small Animal Medicine and Surgery I	(1/18 – 3/11)	4 (4-0-0)
VM 774	Small Animal Medicine and Surgery II	(3/21 – 5/06)	4 (4-0-0)

Total Required Core Credits in Any Track

23 (23-0-0)

**ELECTIVE** (VM 731 does not fulfill Required or Selective Track Credit requirements.)  
 VM 731 Biology & Disease of Small Mammals

2 (2-0-0)

# Junior Practicum – 2010-2011

## Fall Semester

Core Rotations		Short Description ( <a href="#">view manual for details</a> )
<a href="#">AN-1</a>	Clinical Anesthesia	Learn clinical anesthesia on clinical cases.
<a href="#">AN-2</a>	Clinical Anesthesia	Learn clinical anesthesia on clinical cases * <a href="#">Prereq.: AN-1</a>
<a href="#">CCS-I</a>	Client Communication Skills-I	Communication techniques and client relations.
<a href="#">CP</a>	Clinical Pathology	Learn core clinical pathology for large and small animals
<a href="#">DVP</a>	Diagnostic Parasitology	See detailed description
<a href="#">EED</a>	Emerging and Exotic Animal Diseases	Understand the importance of FAD to American agriculture and the economy, and recognize the role veterinarians must play in preventing/managing FAD outbreaks.
<a href="#">IS</a>	Independent Study	Design a special project related to veterinary medicine
<a href="#">LAP</a>	Large Animal Procedures Lab	Learn basic large animal procedures (equine and food animal)
<a href="#">RAD</a>	Radiology	Learn basic radiology techniques, positioning, technique charts, read radiographs
<a href="#">SAP</a>	Small Animal Procedures Lab	Learn basic small animal procedures
<a href="#">SPL</a>	Surgical Principles Lab	Learn psychomotor surgical skills on models
<a href="#">TB</a>	Task Booklet	Perform a list of clinical tasks in front of a clinician/mentor

**Please rank ALL of the semester's electives in the order you would choose to take them (1 being your highest rank). Do not use the same rank number more than once. An asterisk indicates that the elective has a prerequisite and/or requires concurrent registration in another elective. Click on the adjacent hyperlink to view the description of the requirement.**

Elective Rotations		Short Description ( <a href="#">view manual for details</a> )	Rank
<a href="#">CPM</a>	Community Practice: Medicine	: At the close of the rotation, students should be able to effectively manage wellness appointments from start to finish and non-emergency appointments through an initial list of rule outs (history, physical exam, list of rule outs based on information gathered during initial contact). Students will also learn to complete VTH medical records.	
<a href="#">CPS</a>	Community Practice: Surgery	At the close of the rotation, students should be able to effectively communicate new pet information including wellness plans to clients as well as identify anatomical landmarks for elective surgeries. Students should also develop an awareness of proper sterile field management and comfort in surgical environments.	
<a href="#">DEO</a>	Dermatology, Exotics, Ophthalmology	Dermatology, exotic animal, and ophthalmology procedures are covered.	
<a href="#">EP</a>	Perspectives in Equine	Conformation, form and function, prepurchase exam, corrective hoof trimming, etc.	

6/28/2010

	Practice		
<a href="#">EQA</a>	Equine Surgical Anatomy	Equine limb and head anatomy is discussed. Nerve blocks and joint taps are performed.	
<a href="#">EQR</a>	Equine Reproduction Laboratory	Techniques in equine reproduction are emphasized.	
<a href="#">FAM</a>	Food Animal Medicine Clinic	Students will rotate with seniors in the food animal medicine clinic rotation.	
<a href="#">FAX-1</a>	Food Animal Diagnostics	Fluid sampling, breeding soundness, semen evaluation, diagnostic imaging * <a href="#">Prereq.: VM796R</a>	
<a href="#">FAX-2</a>	Food Animal Anesthesia and Surgery	General anesthesia, local blocks, common surgical procedures. * <a href="#">Prereq.: FAX-1</a> * <a href="#">Prereq.: VM796R</a>	
<a href="#">IS</a>	Independent Study	Design a special project related to veterinary medicine	
<a href="#">JSL</a>	Junior Surgery Lab	Learn psychomotor surgical skills on live animals or cadavers	
<a href="#">LAM</a>	Laboratory Animal Medicine	Learn about a career in laboratory animal medicine.	
<a href="#">OD</a>	Orthopedic Diagnostics	Students will participate in lameness exams and bandaging of small animal orthopedic cases.	
<a href="#">ONC</a>	Oncology	The objectives of this rotation are to teach students a realistic and optimistic approach to the diagnosis and treatment of pets with cancer. The oncology service is busy and allows students the opportunity to get involved with a wide variety of medical and surgical problems.	
<a href="#">RRM</a>	Rabbit and Rodent Medicine	Clinically oriented approach to diseases in rabbits and common rodent species.	
<a href="#">SAA</a>	Small Animal Surgical Anatomy	Cadavers are used to teach small animal surgical techniques	
<a href="#">SAM</a>	Small Animal Medicine	Laboratory and practical assignment in which students apply basic skills needed for the diagnosis, management, treatment, and understanding of diseases of small animals.	
<a href="#">SAN</a>	Small Animal Clinical Nutrition	Use of clinical nutrition in small animal practice	
<a href="#">SD</a>	Soft Tissue Diagnostics	This elective rotation is recommended for students with a particular interest in soft tissue surgical diagnostics.	
<a href="#">SM</a>	Shelter Medicine	Students work directly with the shelter veterinarian at the Larimer County Humane Society.	
<a href="#">SV</a>	Spanish for Veterinarians	This course will prepare junior students with limited prior knowledge of Spanish to conduct basic clinical conversations with clients and livestock managers in Spanish.	
<a href="#">VEMR</a>	Veterinary Emergency Management and Response	Click on hyperlink for full description	
<a href="#">WD</a>	Wildlife Disease	The purpose of this course is to introduce veterinary students to the field of wildlife disease including 1) important diseases of free-ranging animals 2) diagnostic tools for the identification and characterization of wildlife disease within populations 3) how to communicate information on wildlife disease issues to the public and 4) opportunities for further education on health issues in free-ranging populations.	

## Spring Semester

Please select your preference for Practice Rotation (PR):

Core Rotations	Short Description ( <a href="#">view manual for details</a> )	
<a href="#">AN-1</a>	Clinical Anesthesia	Learn clinical anesthesia on clinical cases.
<a href="#">AN-2</a>	Clinical Anesthesia	Learn clinical anesthesia on clinical cases * <a href="#">Prereq.: AN-1</a>
<a href="#">CCS-II</a>	Clinical Communication Skills-II	The overall goal of this course is to expand upon the repertoire of skills developed in Basic Client Communication Skills. The purpose of this course is threefold: 1) to introduce advanced communication principles, concepts and skills for effective clinical interviewing, 2) to develop an outcomes-based approach to clinical communication, and 3) to provide opportunities to practice clinical interviewing techniques. * <a href="#">Prereq.: CCS-I</a>
<a href="#">DVP</a>	Diagnostic Parasitology	See detailed description
<a href="#">EED</a>	Emerging and Exotic Animal Diseases	Understand the importance of FAD to American agriculture and the economy, and recognize the role veterinarians must play in preventing/managing FAD outbreaks.
<a href="#">IS</a>	Independent Study	Design a special project related to veterinary medicine
<a href="#">RAD</a>	Radiology	Learn basic radiology techniques, positioning, technique charts, read radiographs

**Please rank ALL of the semester's electives in the order you would choose to take them (1 being your highest rank). Do not use the same rank number more than once. An asterisk indicates that the elective has a prerequisite and/or requires concurrent registration in another elective. Click on the adjacent hyperlink to view the description of the requirement.**

Elective Rotations	Short Description ( <a href="#">view manual for details</a> )	Rank
<a href="#">AST</a>	Advanced Surgical Technologies Modalities included: Laser surgery (CO2 and Diode), Cryo-surgery, Electrocautery, Advanced radiofrequency endoscopic radiofrequency probes, Ultrasonic surgical devices.	
<a href="#">CAM</a>	Complementary and Alternative Medicine and Integrative Pain Management Learn how to perform an acupuncture examination, including palpatory assessment of diagnostic points, palpation examination for myofascial and soft tissue pain. * <a href="#">Prereq.: VM 720</a>	
<a href="#">CAR</a>	Cardiology Juniors will assist seniors in case work up and management.	
<a href="#">CPM</a>	Community Practice: Medicine : At the close of the rotation, students should be able to effectively manage wellness appointments from start to finish and non-emergency appointments through an initial list of rule outs (history, physical exam, list of rule outs based on information gathered during initial contact). Students will also learn to complete VTH medical records.	
<a href="#">CPS</a>	Community Practice: Surgery At the close of the rotation, students should be able to effectively communicate new pet information including wellness plans to clients as well as identify anatomical landmarks for elective surgeries. Students should also develop an awareness of proper sterile field management and comfort in surgical environments.	
<a href="#">DERM</a>	Dermatology Juniors will assist seniors in case work up and management.	

6/28/2010

<a href="#">EQM</a>	Equine Medicine	Students will rotate on the equine medicine clinical service.	
<a href="#">EQPR</a>	Advanced Equine Procedures Lab	Students will be taught advanced equine procedures.	
<a href="#">EQS</a>	Equine Surgery	Students will rotate on the equine surgery clinical service.	
<a href="#">EUC</a>	Evening Urgent Care	Students will be assigned to small animal ward duty and receiving duty.	
<a href="#">EXO</a>	Zoological Medicine	Junior students will participate in the clinical activities along with senior students in the zoological medicine service. The experience will be variable depending upon the types of clinical cases seen during the week of the rotation. Junior students are expected to participate in rounds, interviewing clients, and assisting the zoological medicine staff and senior students in the management of the cases presented to the service.	
<a href="#">FAM</a>	Food Animal Medicine Clinic	Students will rotate with seniors in the food animal medicine clinic rotation.	
<a href="#">IS</a>	Independent Study	Design a special project related to veterinary medicine	
<a href="#">JSL</a>	Junior Surgery Lab	Learn psychomotor surgical skills on live animals or cadavers	
<a href="#">LAM</a>	Laboratory Animal Medicine	Learn about a career in laboratory animal medicine.	
<a href="#">OD</a>	Orthopedic Diagnostics	Students will participate in lameness exams and bandaging of small animal orthopedic cases.	
<a href="#">ONC</a>	Oncology	The objectives of this rotation are to teach students a realistic and optimistic approach to the diagnosis and treatment of pets with cancer. The oncology service is busy and allows students the opportunity to get involved with a wide variety of medical and surgical problems.	
<a href="#">RRM</a>	Rabbit and Rodent Medicine	Clinically oriented approach to diseases in rabbits and common rodent species.	
<a href="#">SAA</a>	Small Animal Surgical Anatomy	Cadavers are used to teach small animal surgical techniques	
<a href="#">SAM</a>	Small Animal Medicine	Laboratory and practical assignment in which students apply basic skills needed for the diagnosis, management, treatment, and understanding of diseases of small animals.	
<a href="#">SD</a>	Soft Tissue Diagnostics	This elective rotation is recommended for students with a particular interest in soft tissue surgical diagnostics.	
<a href="#">SM</a>	Shelter Medicine	Students work directly with the shelter veterinarian at the Larimer County Humane Society.	
<a href="#">SV</a>	Spanish for Veterinarians	This course will prepare junior students with limited prior knowledge of Spanish to conduct basic clinical conversations with clients and livestock managers in Spanish.	
<a href="#">VEMR</a>	Veterinary Emergency Management and Response	Click on hyperlink for full description	

*\* An asterisk indicates that the elective has a prerequisite and/or requires concurrent registration in another elective. Click on the adjacent hyperlink to view the description of the requirement.*

**Senior Practicum Effective 2010-2011**

<b>General Track Core Rotations</b>		<b>Short Description</b>
<b>ANES</b>	Anesthesia	Students in this rotation will perform physical examinations, examine laboratory data, and consider patient history in the creation of anesthesia protocols. <b>3 weeks.</b>
<b>CCU</b>	Critical and Emergency Care in Small Animals	Students will utilize newer technologies and skills, in order to monitor, diagnose, and provide superior patient care to animals with acute or chronic illnesses. Includes 3 weeks of CCU duty and 1 week of Daytime Emergency Receiving duty. <b>4 weeks.</b>
<b>CPGEN</b>	Community Practice and Spay/Neuter	Community Practice and Spay/Neuter is designed to provide the student with an opportunity to evaluate typical cases seen in private practice. Includes preventative health appointments, non-referred, non-emergency appointments, elective surgery and basic dentistry. Emphasis is placed on quality medicine and surgery, efficient case management and client education. Topic rounds include vaccinology, behavior, preventive & shelter medicine, and surgical principles. <b>2 weeks.</b>
<b>DIAGIM</b>	Diagnostic Imaging	Review basic principles of imaging technique and insure a working knowledge of imaging equipment, positioning animals, & technique for finished radiographs. <b>3 weeks.</b>
<b>EQF</b>	Equine Field Service	This rotation is to give the student the opportunity to participate in practice oriented diagnostic and therapeutic procedures. <b>1 week.</b>
<b>EQM</b>	Equine Medicine	Students will have the opportunity to perform, time and cases permitting, various special diagnostic procedures. <b>2 weeks.</b>
<b>EQS</b>	Equine Lameness and Surgery	Lameness evaluation, diagnosis, and development of treatment plan for musculoskeletal problems. <b>2 weeks.</b>
<b>FAF</b>	Food Animal Field	This rotation will provide experience with on the farm problems of dairy cattle. <b>2 weeks.</b>
<b>FAM</b>	Food Animal Medicine	This rotation provides experience in the various aspects of diagnosis and treatment of spontaneous medical and surgical problems in individual food animals. <b>2 weeks.</b>
<b>INTMED</b>	Small Animal Internal Medicine	Student will participate in teaching rounds, patient receiving and will have in-patient case responsibilities. <b>2 weeks.</b>
<b>LAEM</b>	Large Animal Emergency Medicine	Provide intensive care and monitoring of all large animal inpatients and receive all nighttime large animal emergencies. <b>2 weeks.</b>
<b>ONC</b>	Oncology	Students will have the opportunity to evaluate, diagnose, and manage relatively complex cases utilizing skills and knowledge in all aspects of internal medicine, surgery and radiation therapy. <b>2 weeks.</b>
<b>PMORT</b>	Postmortem Diagnosis	Student will gain additional experience in postmortem diagnostic techniques, interpretation and strategy. <b>2 weeks.</b>
<b>SURG A</b>	Small Animal Orthopedic Surgery	The student will participate in patient evaluation, diagnostic work-up, rounds discussions, emergency after-hours coverage of surgical patients and client communication. <b>1 week.</b>
<b>SURG B</b>	Small Animal Soft Tissue Surgery	The student will participate in patient evaluation, diagnostic work-up, rounds discussions, emergency after-hours coverage of surgical patients and client communication. <b>1 week.</b>
<b>Required Electives for GEN track: 7 weeks</b>		<b>Allowed vacation for GEN track: 10 weeks</b>

6/28/2010

<b>Large Animal Track Core Rotations</b>		<b>Short Description</b>
<b>ANES</b>	Anesthesia	Students in this rotation will perform physical examinations, examine laboratory data, and consider patient history in the creation of anesthesia protocols. <b>3 weeks.</b>
<b>DIAGIM</b>	Diagnostic Imaging	Review basic principles of imaging technique and insure a working knowledge of imaging equipment. Positioning of animals, technical factors on finished radiographs. <b>3 weeks.</b>
<b>EQF</b>	Equine Field Service	This rotation is to give the student the opportunity to participate in practice oriented diagnostic and therapeutic procedures. <b>2 weeks.</b>
<b>EQM</b>	Equine Medicine	Students will have the opportunity to perform, time and cases permitting, various special diagnostic procedures. <b>2 weeks.</b>
<b>EQS</b>	Equine Lameness and Surgery	Lameness evaluation, diagnosis, and development of treatment plan for musculoskeletal problems. <b>2 weeks.</b>
<b>EQS</b>	Equine Lameness and Surgery	Lameness evaluation, diagnosis, and development of treatment plan for musculoskeletal problems. <b>2 weeks.</b>
<b>EXTERNSHIP</b>	LARGE ANIMAL PRACTICE	<b>2 weeks</b>
<b>FAF</b>	Food Animal Field	This rotation will provide experience with on the farm problems of dairy cattle. <b>2 weeks.</b>
<b>FAM</b>	Food Animal Medicine	This rotation provides experience in the various aspects of diagnosis and treatment of spontaneous medical and surgical problems in individual food animals. <b>2 weeks.</b>
<b>INTMED</b>	Small Animal Internal Medicine	Students will participate in teaching rounds, patient receiving and will have in-patient case responsibilities. <b>2 weeks.</b>
<b>LAEM</b>	Large Animal Emergency Medicine	Provide intensive care and monitoring of all large animal inpatients and receive all nighttime large animal emergencies. <b>2 weeks.</b>
<b>PMORT</b>	Postmortem Diagnosis	Student will gain additional experience in postmortem diagnostic techniques, interpretation and strategy. <b>2 weeks.</b>
	<b>Required Electives for LA track: 12 weeks</b>	<b>Allowed vacation for LA track: 10 weeks</b>

<b>Small Animal Track Core Rotations</b>		<b>Short Description</b>
<b>ANES</b>	Anesthesia	Students in this rotation will perform physical examinations, examine laboratory data, and consider patient history in the creation of anesthesia protocols. <b>3 weeks.</b>
<b>CARD</b>	Cardiology	This rotation will provide students with the opportunity to receive and manage small and large animal cardiology cases through the clinical cardiology service. <b>1 week.</b>
<b>CCU</b>	Critical and Emergency Care in Small Animals	Students will utilize newer technologies and skills, in order to monitor, diagnose, and provide superior patient care to animals with acute or chronic illnesses. Includes 3 weeks of CCU duty and 1 week of Daytime Emergency Receiving duty. <b>4 weeks.</b>
<b>CP</b>	Community Practice: Neuter, Dentistry, and Community Practice	Small Animal Core Only-Rotating between Neuter/Spay, Dentistry, and Community Practice <b>4 weeks.</b>
<b>DERM</b>	Dermatology	Emphasis will be placed on a problem-oriented approach to diagnosis and therapy of dermatological disorders in all species (including large animals). <b>2 weeks.</b>
<b>DIAGIM</b>	Diagnostic Imaging	Review basic principles of imaging technique and insure a working knowledge of imaging equipment. Positioning of animals, technical factors on finished radiographs. <b>3 weeks.</b>
<b>INTMED</b>	Small Animal Internal Medicine	Students will participate in teaching rounds, patient and emergency receiving and will have in-patient case responsibilities. <b>3 weeks.</b>
<b>NEUR</b>	Neurology	Species are mainly small animal---participate in patient receiving, rounds discussions, and neurological consultative examinations, and will have in-patient case responsibilities. <b>2 weeks.</b>
<b>ONC</b>	Oncology	Students will have the opportunity to evaluate, diagnose, and manage relatively complex cases utilizing skills and knowledge in all aspects of internal medicine, surgery and radiation therapy. <b>2 weeks.</b>
<b>OPHTH</b>	Clinical Ophthalmology	Students participate in patient receiving and ocular surgery. <b>2 weeks.</b>
<b>PMORT</b>	Postmortem Diagnosis	Students will gain additional experience in postmortem diagnostic techniques, interpretation and strategy. <b>2 weeks.</b>
<b>SURG A</b>	Small Animal Orthopedic Surgery	The student will participate in patient evaluation, diagnostic work-up, rounds discussions, emergency after-hours coverage of surgical patients and client communication. <b>2 weeks.</b>
<b>SURG B</b>	Small Animal Soft Tissue Surgery	The student will participate in patient evaluation, diagnostic work-up, rounds discussions, emergency after-hours coverage of surgical patients and client communication. <b>2 weeks.</b>
	<b>Required Electives for SA track: 6 weeks</b>	<b>Allowed vacation for SA track: 10 weeks</b>

6/28/2010

**NOTE: THIS WILL GO INTO EFFECT FOR PVM 2012 (MAY 2011 – MAY 2012)**

**SENIOR PRACTICUM 2011-2012**

**Small Animal Track Core Rotations:**

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

**General Track Core Rotations:**

Anesthesia – 3 weeks  
Critical and Emergency Care in Small Animals – 4 weeks  
Community Practice and Spay/Neuter – 2 weeks  
Diagnostic Imaging – 3 weeks  
Small Animal Internal Medicine – 2 weeks  
Oncology – 2 weeks  
Postmortem Diagnosis – 2 weeks  
Small Animal Orthopedic Surgery – 2 weeks  
Small Animal Soft Tissue Surgery – 2 weeks  
Equine Field Service – 2 weeks  
Equine Medicine – 2 weeks  
Equine Lameness and Surgery – 2 weeks  
Food Animal Medicine – 2 weeks  
Food Animal Field – 2 weeks  
Large Animal Emergency Medicine – 2 weeks  
Afterhours Small Animal Urgent Care – 2 weeks  
Required Electives for GEN Track: 4 weeks

Effective Fall Semester 2010

6/28/2010

Allowed Vacation for GEN Track: 8 weeks

**Large Track Core Rotations:**

Anesthesia – 3 weeks

Diagnostic Imaging – 3 weeks

Postmortem Diagnosis – 2 weeks

Small Animal Internal Medicine – 2 weeks

Equine Field Service – 2 weeks

Equine Medicine – 2 weeks

Equine Lameness and Surgery – 6 weeks

Food Animal Medicine – 4 weeks

Food Animal Field – 4 weeks

Large Animal Emergency Medicine – 2 weeks

Large Animal Approved Externship – 2 weeks

Afterhours Small Animal Urgent Care – 2 weeks

Required Electives for LARGE Track: 6 weeks