

ESSENTIAL/RECOMMENDED ELECTIVE COURSES

<i>First Year Fall Quarter</i>									
Course	Equine	Equine/Small	Food Animal	Food/Small Animal	Large Animal	Mixed Animal	Small Animal	Zoological	Individual
VSR401		REC				REC	REC		
<i>First Year Winter Quarter</i>									
Course	Equine	Equine/Small	Food Animal	Food/Small Animal	Large Animal	Mixed Animal	Small Animal	Zoological	Individual
PMI418								REQ	
VSR401		REC				REC	REC		
<i>First Year Spring Quarter</i>									
Course	Equine	Equine/Small	Food Animal	Food/Small Animal	Large Animal	Mixed Animal	Small Animal	Zoological	Individual
PHR432			REC						
PMI419								REQ	
VSR401		REC				REC	REC		
<i>Second Year Fall Quarter</i>									
Course	Equine	Equine/Small	Food Animal	Food/Small Animal	Large Animal	Mixed Animal	Small Animal	Zoological	Individual
VSR401		REC				REC	REC		
VSR406				REC		REC	REC		
<i>Second Year Winter Quarter</i>									
Course	Equine	Equine/Small	Food Animal	Food/Small Animal	Large Animal	Mixed Animal	Small Animal	Zoological	Individual
PMI418								REQ	
VSR401		REC				REC	REC		
<i>Second Year Spring Quarter</i>									
Course	Equine	Equine/Small	Food Animal	Food/Small Animal	Large Animal	Mixed Animal	Small Animal	Zoological	Individual
APC410	REC	REC			REC	REC			
PHR440			REC	REC					
PHR446A			ESS	ESS	ESS	ESS		ESS	ESS
PMI419								REQ	
PMI476								REQ	
VME446		ESS				ESS	ESS	ESS	ESS
VME464A	ESS	ESS			ESS	ESS		ESS	ESS
VSR401		REC				REC	REC		
<i>Third Year Fall Quarter</i>									
Course	Equine	Equine/Small	Food Animal	Food/Small Animal	Large Animal	Mixed Animal	Small Animal	Zoological	Individual
VMB485		REC		REC		REC	REC		
VME427			REC	REC					
VSR401		REC				REC	REC		
<i>Third Year Winter Quarter</i>									
Course	Equine	Equine/Small	Food Animal	Food/Small Animal	Large Animal	Mixed Animal	Small Animal	Zoological	Individual

PHR445			ESS	ESS	REC	REC			
PHR445L			ESS	ESS	REC	REC			
PMI418								REQ	
VME412								REQ	
VME429A			ESS	ESS	REC	REC		ESS	ESS
VME429B			ESS	ESS	ESS	REC		ESS	ESS
VME429C			ESS	ESS	REC	REC		ESS	ESS
VSR401		REC				REC	REC		
VSR413		REC		REC		REC	REC		
VSR466	REC	REC	REC	REC	REC	REC			
VSR469L	REC	REC			REC	REC			
<i>Third Year Spring Quarter</i>									
Course	Equine	Equine/Small	Food Animal	Food/Small Animal	Large Animal	Mixed Animal	Small Animal	Zoological	Individual
PHR429D			ESS	ESS	REC	REC		ESS	ESS
PHR429DL					REC	REC			
PHR429E			ESS	ESS	REC	REC		ESS	ESS
PHR440			REC	REC					
PHR446C								ESS	ESS
PMI419								REQ	
PMI476								REQ	
VME428L			REC	REC	REC	REC			
VME462		ESS		ESS		REC	ESS	ESS	ESS
VME466	REC	REC		ESS	REC	REC			
VSR401		REC				REC	REC		
VSR460							REC		
VSR462		REC	REC	REC		REC	REC		
VSR463		REC		REC		REC	REC		
VSR468	ESS	ESS			ESS	REC			
VSR468L	ESS	ESS			ESS	REC			

Individual Track Program

The core/elective program of the eight Clinical Tracks should provide virtually all students with the combinations of experience and training necessary for entry-level preparation for practice. However, in exceptional instances it may be necessary to formulate an individual program of study to meet the special needs of individual students. The Individual Program must have a clearly stated objective and program of study, which includes a clinical core/core option component (19 weeks) and must be supported and approved by a letter from the student's faculty mentor, or the Individual Track Leader. The individual track program is offered for those students with career goals, such as research, poultry, aquatics, and wildlife, which differ substantially from the objectives of the regular track programs.

VMTRC (Tulare,CA)

The UCD Veterinary Medicine Teaching and Research Center (VMTRC) is located in Tulare, California, 250 miles south of Davis. Tulare County is the largest dairying county in the United States. Additionally, the region has significant large-scale beef, swine and poultry industries.

The VMTRC provides training in population medicine and the role of health related factors in food animal productivity. The VMTRC teaching, research and service missions involve multi-disciplinary teams concerned with population medicine and the economics of animal health medicine. The teams include Veterinary School faculty from several departments at Davis and Tulare, as well as UC Cooperative Extension and private food animal veterinarians. A component of the California Animal Health & Food Safety Laboratory System (CAHFS) is located at the VMTRC providing diagnostic support for the food animal industries and the veterinarians serving these industries.

The VMTRC clinical programs are directed at solving specific methodologic problems confronting practitioners engaged in food animal practice. These problems are at the core of herd health medicine and include economic strategies for providing veterinary medical care in programs of herd health and production medicine. VMTRC Production Medicine addresses improved production efficiency and product quality through innovative health management schemes. The Center offers educational programs in population medicine for DVM students, MPVM students, graduate academic students, graduate clinical students, veterinarians, farm advisors and producers. Programs are designed around ten core herds serviced by four production medicine clinicians. Disciplinary programs consist of epidemiology, udder health, calf health management, clinical nutrition, theriogenology, economics and diagnostic services. These discipline-based programs include databases for on-farm and between-farm analyses.

Students participate in a range of food animal medicine activities during VMTRC rotations, in blocks of time ranging from two to eight weeks. Typically, mornings are spent on local dairies conducting reproductive examinations, sick cow treatment, analyzing farm records and evaluating herd nutrition and replacement heifer programs. Afternoons are generally reserved for off-farm activities, including classroom instruction, computer projects and local industry tours. Students work-up, prepare and present reports on a current VMTRC food animal production issues, such as mastitis, ration formulation, milk fever and calf mortality.

There are no unusual educational expenses associated with rotations at the VMTRC. Students provide their own transportation to the VMTRC. Student housing is provided on the VMTRC campus. The furnished student housing unit contains three bedrooms, two bathrooms, television, fully equipped kitchen and a washer and dryer. Cooking utensils, dinnerware and bed/bath linens are supplied. Students provide food and laundry supplies. The housing area has a commons for basketball, volleyball and has a barbecue. VMTRC has limited kennel space for pets on a first-come, first-served basis. Call VMTRC student coordinator to check on kennel availability. Students with special needs, including childcare, should contact the VMTRC director. VMTRC is five miles from major food stores and shopping centers located in Tulare. Student housing is available to all veterinary students enrolled in VMTRC clinical rotations. The School covers housing fees for UCD and Consortium students. The fee for concurrent students is \$10 per day. For more information about the VMTRC visit their web site at: <http://www.vmtrc.ucdavis.edu/>

Externships

Preceptorship Program:

A preceptorship is defined as that portion of a clinical track program in which a veterinary student received his/her training at a pre-approved facility which is not part of the School of Veterinary Medicine. A preceptor is defined as an individual appointed by the School to supervise the training of a veterinary student during his/her preceptorship. Currently the only type of preceptorships in the School are the food animal experiences, required for the Food and Small/Food Animal Tracks. The preceptorship program is coordinated through the VMTH Director's Office but participants in the program may be found in the externship database under preceptorship.

Internship Program:

Internships are paid, postgraduate clinical veterinary medical experiences at teaching hospitals or in private practice. The School of Veterinary Medicine no longer offers an Internship Program.

Externship Program:

An externship is defined as an approved program of study comprising a portion of the fourth year clinical track elective rotations in which a veterinary student received training and experience outside the School of Veterinary Medicine. A searchable externship database may be accessed from the Academic Programs webpage.

Externships complement VMTH learning and provide valuable educational experiences in areas outside the School. Many opportunities are available in the private practice setting and provide students with first-hand experiences in diagnostic and therapeutic capabilities and management and business methods in the private sector. Externships during a student's senior year are coordinated through the Office of Academic Programs, Dean's Office. Summer externships are coordinated through the VMTH Director's Office.

Under Section 2027 of the Veterinary Medicine Practice Act, junior and senior veterinary students may perform the identical tasks with the identical degree of supervision as specified for a Registered Veterinary Technician. Additionally, senior veterinary students may perform surgery under the direct supervision of a licensed veterinarian. As registered students at the University of California, UC Davis veterinary students are provided with general liability coverage by the University, and with professional liability coverage by the School of Veterinary Medicine, when working within the course and scope of the Externship Program.

Application Process

Proposals for Externships will originate with the student. Application forms are included in this Handbook, available for download from the externship database and at the Office of Academic Programs. The student's proposal must contain:

1. The name, address and telephone number of the proposed mentor(s), and the name of their affiliated institution or organization.
2. Number of weeks proposed for the Externship (not less than 2 and usually not more than 6 weeks). Dates of externship must be arranged prior to submitting application and match the VMTH calendar weeks.
3. A clear statement of the student's objectives for the proposed Externship and a description of how the student will attain these objectives through participation in the proposed Externship.

4. The faculty member consulted regarding the Externship must sign in the space provided on the Externship Application Form.
5. Applications must be submitted to the Office of Academic Programs, with track package by deadline.
6. The Track Coordinating Committee will review the applications and make recommendations for approval or disapproval. Students will be notified of Committee decisions.
7. Upon approval by the Track Leader and the Track Coordinating Committee, the Office of Academic Programs will contact the mentor. Final approval is subject to formal written acceptance by the mentor(s).
8. Upon written notification by the mentor(s), Academic Programs will notify the student of final approval or denial of the Externship.
9. To be implemented, the Externship proposal must be approved and accepted by the mentor.
10. For a satisfactory grade each student must fulfill the same attendance requirements that apply to rotations within the VMTH and must submit an individual written daily journal of their experiences and activities and a completed externship evaluation form to Academic Programs.

TABLE 1
Tracks and Track Leaders

	Track	Leader	Department	Phone	E-mail
1.	Equine	Dr. Sharon Spier	VME	2-1363	sjspier@ucdavis.edu
2.	Equine/Small	Dr. Lynelle Johnson & Dr. Sharon Spier	VME VME	2-1363 2-1363	lrjohnson@ucdavis.edu sjspier@ucdavis.edu
3.	Food Animal	Dr. Robert BonDurant	PHR	2-1358	rhbondurant@ucdavis.edu
4.	Food/Small	Dr. Lynelle Johnson & Dr. Robert BonDurant	VME PHR	2-1363 2-1358	lrjohnson@ucdavis.edu rhbondurant@ucdavis.edu
5.	Large Animal	Dr. Sharon Spier	VME	2-1363	sjspier@ucdavis.edu
6.	Mixed Animal	Dr. Lynelle Johnson & Dr. Robert BonDurant	VME PHR	2-1363 2-1358	lrjohnson@ucdavis.edu rhbondurant@ucdavis.edu
7.	Small Animal	Dr. Lynelle Johnson	VME	2-1363	lrjohnson@ucdavis.edu
8.	Zoological	Dr. Ray Wack	VME	2-1363	rfwack@ucdavis.edu
9.	Individual	Dr. Jonna Mazet	WHC	4-9035	jkmazet@ucdavis.edu

TABLE 2
Number of Weeks of Required "Core" Clinical Rotations

Clinical Track									
Equine	Equine Small	Food Animal	Food Small	Large Animal	Mixed	Small Animal	Zoo Med	♪ Individual	Clinical Rotations
1	1	1	1	1	1	1	1	1	Clinical Pathology
2	2	2	2	2	2	2	2	2	Pathology
		1	1						CAHFS
							3		SD Path Dept
2	1								
4	2			1			2*		Equine After Hours
5	2			3	2			2*	Equine Medicine-Field Service
4	2			3	2			2*	Equine Medicine-In House
8	4			2	2				Equine Reproductions
		2*		5	2			2*	Equine Surgery & Lameness
		6	4	5	2		4	2*	Food Animal Medicine-In House
		6	4	4	2				Food Animal Reproduction/Davis
		8	4					2*	Food Animal Production/Tulare
		6	2						Food Animal Preceptorship
							2 2*	2*	Companion Avian Medicine
									Primate Medicine-CRPRC
							2	2*	Zoological Medicine
	4		4		4	7	4	2*	Small Animal Medicine
	4	4*	4		4	6	4	2*	Small Animal Surgery
2	2*	2*		2	2*		2*	2*	Large Animal Anesthesia/Critical Care
	2*	2*	2		2*	2	2*	2*	Small Animal Anesthesia/Critical Care
2	2*	2		2	2*		2*	2*	Large Animal Radiology
2	1			1					Large Animal Ultrasound
	2*		2		2*	2	2*	2*	Small Animal Radiology
						2*			Behavior
	2*		2*		2	2			Cardiology
	2*					2*			Dentistry
	2*		2*		2	2			Dermatology
	2*		2*		2	2			Neurology
	2*		2*		2	2			Oncology
2	2*		2*	2	2	2			Ophthalmology
					2	2	2*		Small Animal ICU
			2			2	2*	2*	Small Animal Emergency
			1			1		2*	Small Animal Outpatient
34	23	32	33	35	35	35	22	3	Total weeks of Core
0	12	4	4	0	4	2	10	16	Total weeks of Core Options *
14	13	12	11	13	9	11	16	29	Total weeks of Electives ♣
48	48	48	48	48	48	48	48	48	Total weeks in track

* Core option rotations required for some tracks. Refer to track sheets for specific rotation requirements by track.

♣ Up to 4 weeks maximum of vacation may be selected as an elective week.

♪ Students proposing an Individual Track must work with the Individual Track Leader.



UC DAVIS: School of Veterinary Medicine
Office of the Dean
Phone: 752-1324
Fax: 752-2801

EXTERNSHIP APPLICATION

1. Student Name _____ Class of: _____

2. Date _____ 3. Track _____

4. Institution/Organization name _____

Mentor(s) _____

Program Coordinator (if applicable) _____

Phone(s) _____

Address _____

City _____ State _____ ZIP _____

5. Proposed Number of Weeks _____ (usually 2-6 weeks)

6. Proposed Inclusive Dates _____
(Dates must run concurrent with VMTH rotation schedule, ie. Monday - Monday)

***Note** Students who are approved to participate in Avian/Exotic or Zoological externships must complete 2 weeks on the Companion Avian/Exotic Pet and/or Zoological Medicine Service, as appropriate at the VMTH, prior to participating in that experience. Please note this scheduling request on the Track Selection Form.*

7. On a separate sheet provide a clear statement of your objectives for the Externship and describe how the Externship will permit attainment of those objectives. Append any additional information that will assist the Track Leader and Track Coordinating Committee in evaluating this request.

Signature of faculty member consulted _____

Approvals: **Circle one: Track Leader / Track Committee / Executive Associate Dean**

Recommend: Approval _____ Disapproval _____

Signature: _____

Submit completed application to ACADEMIC PROGRAMS - 130 SURGE IV
(Use separate form for each proposed Externship)