

DOCTOR OF VETERINARY MEDICINE IN VETERINARY MEDICINE

Program Requirements

The professional curriculum in veterinary medicine is a four-year program. During the first three years, classes are scheduled on a semester basis. The fourth-year curriculum consists of 14 weeks of basic core rotations, and 34 weeks of elective clinical rotations or career alternative electives, externships. The fourth-year curriculum allows students to choose a species directed career, i.e., equine, companion animal, rural/mixed animal, production or a career alternative track.

First Year		Semester Credit Hours
Fall		
VIBS 910	Small Animal Anatomy	4
VIBS 911	Histology	1.5
VIBS 936	Veterinarians in Society	1.5
VSCS 910	Integrated Animal Care I	3
VTPB 910	Veterinary Immunology	2
VTPP 910	Physiology I	6
VTPP 914	Professional & Clinical Skills I	3
Semester Credit Hours		21
Spring		
VIBS 912	Clinical Anatomy of Large Animals	3
VIBS 914	Professional & Clinical Skills II	3
VLCS 910	Integrated Animal Care II	2
VTPB 922	Pathology I	3
VTPB 925	Agents of Disease I	4
VTPP 912	Physiology II	5
Semester Credit Hours		20
Second Year		
Fall		
VIBS 928	Public Health, Epidemiology and Evidence-Based Medicine	3
VSCS 926	Professional and Clinical Skills III	3
VTPB 923	Pathology II	3
VTPB 927	Clinical Laboratory Medicine-Clinical Pathology	5
VTPB 930	Agents of Disease II	4
VTPP 924	Pharmacology	3
Electives ¹		2
Semester Credit Hours		23
Spring		
VLCS 924	Diagnostic Imaging & Interpretation I	2
VLCS 926	Professional & Clinical Skills IV	3
VSCS 930	Principles of Anesthesia & Analgesia	3
VSCS 932	Principles of Surgery	2
VTPB 932	Organ Dysfunction: Recognition, Diagnostics and Supportive Care	4

VMID 944	Integrated Animal Care III - Elements of Care	4
Electives ¹		2
Semester Credit Hours		20
Third Year		
Fall		
VLCS 925	Diagnostic Imaging & Interpretation II	2
VLCS 956	Large Animal Diagnostics & Therapeutics I	3.5
VMID 935	Surgery	5
VSCS 934	Professional & Clinical Skills V	3
VSCS 956	Small Animal Diagnostics & Therapeutics I	4.5
Select one of the following:		2
VLCS 958	Career-Focus Tracking I - Food Animal	
VLCS 959	Clinical Focus-Tracking I - Equine	
VSCS 958	Clinical Focus-Tracking I - Companion Animal	
Career Selective ²		4
Semester Credit Hours		24
Spring		
VLCS 957	Large Animal Diagnostics & Therapeutics II	3.5
VMID 964	Clinical Experience	3
VMID 966	Professional and Clinical Skills VI	4
VSCS 957	Small Animal Diagnostics & Therapeutics II	4.5
Select one of the following:		2
VLCS 960	Clinical Focus-Tracking II - Equine	
VLCS 961	Career-Focus Tracking II - Food Animal	
VSCS 960	Clinical Focus-Tracking II - Companion Animal	
Career Selective ²		4
Semester Credit Hours		21
Fourth Year		
Select a Clinical Track: ³		48
Alternative		
Companion Animal		
Equine		
Food Animal		
Rural/Mixed Animal		
Semester Credit Hours		48
Total Semester Credit Hours		177

¹ Select 2 elective courses during this semester from VIBS 948, VLCS 948, VSCS 948, VTPB 948 and VTPP 948.

² Select 2 courses highlighting veterinary career options in public health and public policy, research, business and practice, lab animal medicine, exotics/zoo/wildlife, and avian/reptiles/pocket pets during this semester. Select from VIBS 988, VLCS 988, VMID 988, VSCS 988 and VTPB 988.

³ See student program manager for a complete list of courses designated for each track.

Fourth Year

The fourth-year curriculum consists of 14 weeks of basic core rotations, and 34 weeks of elective clinical rotations or career alternative electives and externships for a total of 48 credit hours. The fourth-year curriculum

allows students to choose a species directed career, i.e., equine, companion animal, rural/mixed animal, production or a career alternative track.

Basic Core Rotations

Anesthesiology (3 weeks)

Diagnostic Imaging (3 weeks)

Laboratory Services (2 weeks)

- Diagnostics

Houston SPCA (2 weeks)

- Animal Welfare and Shelter Medicine

Primary Care Medicine (4 weeks)

Available Rotations¹

Small Animal Medicine

- Dermatology
- Critical Care
- Emergency
- Dentistry
- Cardiology
- Oncology
- Internal Medicine
- Neurology/Neurosurgery
- Zoological Medicine and Surgery

Small Animal Surgery

- Orthopedic
- Soft Tissue
- Ophthalmology

Large Animal Hospital

- Food Animal Medicine and Surgery/Ambulatory
- Equine Medicine
- Equine Community Practice and Field Services
- Equine Sports Medicine and Imaging
- Equine Soft Tissue Surgery
- Equine Orthopedic Surgery
- Equine Theriogenology
- Small Ruminant

- TDCJ (Texas Department of Criminal Justice)

- VERO Dairy Production

- VERO Rural

- VERO Cow-Calf Palpation

- VERO Feedlot Production

TVMDL (Texas Veterinary Medical Diagnostic Lab)

Alternative Career Electives

Externship

Vacation

¹ All rotations are two weeks.