

# 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 24 weeks of Basic Core Rotations, 18 weeks of elective clinical rotations or career alternative electives, 4 weeks of externship and 2 weeks of vacation. The fourth-year curriculum allows students to choose a species directed career, i.e., equine, companion animal, rural/mixed animal, food animal or a career alternative track.

First Year		Semester Credit Hours
<b>Fall</b>		
VIBS 910	Small Animal Anatomy	4
VIBS 911	Histology	1
VIBS 936	Veterinarians in Society	2
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
<b>Spring</b>		
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
<b>Second Year</b>		
<b>Fall</b>		
VSCS 926	Professional and Clinical Skills III	3
VTPB 930	Agents of Disease II	4
VTPB 927	Clinical Laboratory Medicine-Clinical Pathology	5
VIBS 928	Public Health, Epidemiology and Evidence-Based Medicine	3
VTPB 923	Pathology II	3
VTPP 924	Pharmacology	3
Electives <sup>1</sup>		2
Semester Credit Hours		23
<b>Spring</b>		
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 <sup>1</sup>		2
Semester Credit Hours		20
<b>Third Year</b>		
<b>Fall</b>		
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 <sup>2</sup>		4
Semester Credit Hours		24
<b>Spring</b>		
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 <sup>2</sup>		4
Semester Credit Hours		21
<b>Fourth Year</b>		
Select a Clinical Track: <sup>3</sup>		48
Alternative		
Companion Animal		
Equine		
Food Animal		
Rural/Mixed Animal		
Semester Credit Hours		48
Total Semester Credit Hours		177

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

<sup>2</sup> Select 2 courses highlighting veterinary career options in public health & public policy, research, business & 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.

<sup>3</sup> See student program manager for a complete list of courses designated for each track.

## Fourth Year

The fourth-year curriculum consists of 26 weeks of basic core rotations, 18 weeks of elective clinical rotations or career alternative electives, 4 weeks of externship and 2 weeks of vacation for 48 credit hours. The fourth-year curriculum allows students to choose a species directed career, i.e., large animal, small animal, mixed animal or an alternative career elective.

### Basic Core Rotations<sup>1</sup>

#### Small Animal Clinic (8 weeks)

- Small Animal Internal Medicine
- Primary Care Medicine
- General Surgery
- Small Animal Emergency

#### Large Animal Clinic (4 weeks)

- Food Animal Medicine/Ambulatory or Zoo Med
- Equine Medicine

#### Anesthesiology (4 weeks)

#### Community Connections (2 weeks)

#### Radiology (2 weeks)

#### Laboratory Services (2 weeks)

- Diagnostics

#### Houston SPCA (2 weeks)

- Animal Welfare and Shelter Medicine

#### Specialty Clinical Rotation (2 weeks)

### Available Rotations<sup>1</sup>

#### Small Animal Medicine

- Dermatology
- Critical Care
- Dentistry
- Cardiology
- Oncology
- Internal Medicine/Canine
- Internal Medicine/Feline
- Primary Care Medicine
- Neurology/Neurosurgery
- Zoological Medicine and Surgery

#### Small Animal Surgery

- General
- Orthopedic
- Soft Tissue
- Ophthalmology

#### Large Animal Hospital

- Food Animal Medicine and Surgery/Ambulatory
- Equine Medicine/Ultrasound
- Equine Field Services
- Equine Community Practice
- Equine Lameness
- Equine Soft Tissue Surgery
- Equine Orthopedic Surgery
- Equine Theriogenology
- Small Ruminant Theriogenology
- Dairy Reproduction
- TDCJ

#### Anesthesiology

#### TVMDL (Texas Veterinary Medical Diagnostic Lab)

#### Ultrasound

#### Alternative Career Electives

#### Externship

#### Vacation

<sup>1</sup> All rotations are two weeks.