

DOCTOR OF VETERINARY MEDICINE IN VETERINARY MEDICINE

Professional Curriculum in Veterinary Medicine

The Doctor of Veterinary Medicine professional curriculum seeks to deliver to the veterinary medical profession a student fully prepared to begin a medical career in the arts and sciences of animal health and disease. Emphasis on professional specialization is reserved for graduate programs.

Veterinary medicine encompasses the full scope of the technology of animal health and disease, including the arts and sciences of disease prevention, diagnosis, prognosis and therapy. The professional curriculum begins at the basic level and systematically moves to clinical application.

Graduates are qualified to formulate and implement programs for disease control and prevention in domestic farm animals, poultry, pet animals, zoo animals, fur-bearing animals, laboratory animals and wildlife. They are equipped to administer and advise in public health problems arising from intertransmission of diseases between humans and lower animals and are capable of performing animal disease regulatory duties for governmental agencies. They are also oriented for professional careers in the armed forces.

The degree of Doctor of Veterinary Medicine is awarded to the student upon successful completion of the professional curriculum in veterinary medicine. In addition to the DVM degree, the student must take and pass the NAVLE and state licensing examinations to practice clinical veterinary medicine.

Academic Regulations

Each professional student will have access to an electronic copy of the *College of Veterinary Medicine and Biomedical Sciences Professional Student Handbook* via Canvas. This document contains the college's policies on grading, promotion, dismissal, probation, grievance procedures, withdrawal, personal conduct and the honor code. Because matriculation in veterinary medicine is a privilege and not a right, the faculty retains the prerogative to request withdrawal of any student who does not attain adequate academic performance or who does not exhibit the personal qualifications prerequisite to the practice of veterinary medicine. These criteria shall apply at all times during the curriculum. Academic performance will not be the only factor in determining admission, promotion, graduation or request for withdrawal.

Scholastic Deficiency

An average grade of C and passing grades in all courses in the professional curriculum are the minimal scholastic achievements considered to be satisfactory. When a student's scholastic performance falls below the minimal satisfactory level in any term, scholastic probation may be imposed or the student may be dropped from the professional curriculum or placed on scholastic suspension from the University.

Scholastic probation is conditional permission for a student to continue in the professional curriculum under the conditions of the probation while working to remove any deficiencies. A student's failure to meet

the conditions of scholastic probation may result in dismissal from the professional curriculum or suspension from the University at the end of any term for which scholastic probation is imposed. The terms of the probation are determined by the Academic Progress Committee for the year of the curriculum in which scholastic deficiency occurs. A student who fails any course prescribed in the professional curriculum or who otherwise fails to achieve satisfactory scholastic progress may be dropped from the curriculum for cause.

Readmission

A student in the professional curriculum who voluntarily withdraws, or who is dropped from the rolls of the University or from the professional veterinary curriculum for cause, forfeits his or her standing and must apply for readmission and be approved before being re-enrolled by policies and procedures of the College of Veterinary Medicine and Biomedical Sciences.

NOTE: While every effort is made to assure accuracy and timeliness of this publication, the College of Veterinary Medicine and Biomedical Sciences is not responsible for any misrepresentation which might arise through error in the preparation of this catalog, or through failure to give notice of changes in its requirements, policies, tuition and fees, course offerings and other matters affecting students or applicants. The provisions of this catalog do not constitute an irrevocable contract between any student or applicant for admission into the professional curriculum of the College of Veterinary Medicine and Biomedical Sciences.

College of Veterinary Medicine and Biomedical Sciences Admission Information (<http://catalog.tamu.edu/graduate/admission/college-school-information/veterinary-medicine-biomedical-sciences/>)

This program is approved to be offered at the Veterinary Education, Research, and Outreach Center in Canyon, Texas,

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.