Curriculum

Phase I: Normality

First number in parentheses indicates lecture hours, second number indicates lab hours.

Semester 1 - Fall

ANS 511 Animal Science for Veterinarians 2 (2-0)
MMG 559 Veterinary Microbiology and Immunology 4 (4-0)
PDI 514 Veterinary Neurosciences 2 (2-0)
PDI 518 Comparative Veterinary Gross Anatomy I 4 (2-6)
PDI 520 Veterinary Tissue, Structure & Function 4 (3-3)
V M 511 Veterinary Clinical Examination & Techniques 2 (1-2)
V M 513 Ethical and Animal Welfare Issues in the Veterinary Profession 2 (1-2)
Total 20 (15-13)

Semester 2 - Spring

MMG 571 Veterinary Pathogenic Microbiology: Parasites 3 (2-2)
PDI 519 Comparative Veterinary Gross Anatomy II 4 (2-6)
PDI 521 Veterinary Organ Microanatomy 2 (1-3)
PHM 552 Veterinary Pharmacology 1: Principles and Neuropharmacology. 2 (2-0)
PSL 513 Animal Physiology for Veterinarians 4 (4-0)
V M 514 Comparative Life State Nutrition 1 (1-0)
V M 524 Basic Science in Clinical Medicine 1 (0-2)
VM 541 Veterinary Career Development and Practice Management 2 (2-0)
VM 548 Principles of Diagnostic Imaging 1 (1-0)
Total 20 (15-13)
Phase II: Abnormality

Semester 3 - Fall

MMG 563 Veterinary Pathogenic Microbiology: Bacteria & Fungi 3 (3-0)
PDI 551 General Pathology 2 (1-2)
PHM 553 Veterinary Pharmacology 2: Systems and Infectious Diseases 3 (3-0)
PHM 557 Veterinary Toxicology 2 (2-0)
VM 532 Veterinary Integrative Problem Solving 2 (1-2)
VM 533 Veterinary Epidemiology 3 (3-0)
VM 544 Veterinary Public Health 2 (2-0)
VM 547 Respiratory Diseases 2 (2-0)
Total 19 (17-4)

Semester 4 - Spring

LCS 560 Fundamental Clinical Skills for Large Animals 1 (0-2)
MMG 565 Veterinary Pathogenic Microbiology: Viruses 2 (2-0)
PDI 553 Systemic Pathology 4 (3-2)
PDI 554 Veterinary Clinical Pathology 3 (2-2)
VM 543 Cardiovascular Diseases 2 (2-0)
VM 545 Principles of Anesthesia and Surgery 4 (3-2)
VM 546 Musculoskeletal Diseases 4 (4-0)
Selective 1(1-0) chosen from a list maintained in the CVM Academic Programs Office
Total 21(17-8)
Phase III: Intervention and Prevention

Semester 5 - Fall

SCS 561 Fundamental Clinical Skills for Small Animals 1 (0-2)
VM 549 Applied Diagnostic Imaging 1 (0-2)
VM 553 Theriogenology and Urinary Diseases 5 (4-2)
VM 554 Hematological, Oncological and Dermatological Diseases 3 (3-0)
VM 555 Neurological and Ophthalmological Diseases 3 (3-0)
VM 557 Operative Surgery 2 (1-3)
VM 558 Digestive Diseases of Domestic Animals 3(3-0)
VM 559 Metabolic and Endocrinological Diseases 2(2-0)
Selective 1 (1-0) chosen from a list maintained in the CVM Academic Programs Office
Total 21 (17-9)

Phase IV: Clerkships

Years 3 and 4 - Semesters 6, 7, 8, and 9

Professional students must complete 33 required clerkship credits and 27 credits from elective clerkships and other approved courses. Students may take up to three vacation blocks of three weeks each. Each of the clerkships will be three weeks and three credits.

Required Clerkships - 33 Credits

Students must complete the following required clerkships:

- PDI 630* Diagnostic Pathology Clerkship
- LCS 620* Equine Clinical Clerkship I
- LCS 630* Food Animal Medicine and Surgery Clerkship
- SCS 611* Diagnostic Imaging Clerkship
- SCS 625* Small Animal General Medicine Clerkship
- SCS 626* Small Animal Soft Tissue Surgery Clerkship
- SCS 646* Small Animal Orthopedic Surgery Clerkship
- SCS 647* Small Animal Internal Medicine Clerkship
- SCS 648* Anesthesiology Clerkship
- Students must also select one experience from the following pair of clerkships:
  - LCS 621* Equine Practice Clerkship or
  - LCS 631* Food Animal Practice Clerkship

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**Elective Clerkships - 27 Credits**

Students planning to apply more than six elective credits in any clerkship toward their graduation requirements must request approval from the CVM Curriculum Committee. All clerkship schedules are subject to the approval of the CVM coordinator of clinical studies.

- ANT 610 Veterinary Gross Anatomy Dissection
- ANT 611 Research Problems in Veterinary Anatomy
- LCS 610 Clinical Problems in Large Animal Clinical Sciences
- LCS 611 Research Problems in Large Animal Clinical Sciences
- LCS 613 Off-campus Clinical Problems in LCS
- LCS 622 Equine Clinical Clerkship II
- LCS 623* Equine Musculoskeletal Diseases Clerkship
- LCS 624* Equine Theriogenology Clerkship
- LCS 625* Equine Herd Health Clerkship
- LCS 626* Advanced Equine Surgery Clerkship
- LCS 627* Advanced Equine Medicine Clerkship
- LCS 628* Techniques in Equine Anesthesia and Surgery
- LCS 632* Advanced Food Animal Medicine and Surgery Clerkship
- LCS 633* Dairy Production Medicine Clerkship
- LCS 634* Swine Production Medicine Clerkship
- LCS 636* Introduction to Herd Health Clerkship
- LCS 637* Advanced Dairy Production Medicine Clerkship
- LCS 638* Beef Production Medicine Clerkship
- LCS 639* Small Ruminant Medicine and Management Clerkship
- LCS 640 Large Animal Anesthesia Clerkship
- LCS 641* Food Animal Theriogenology Clerkship
- LCS 643* Food Animal Fundamentals
- LCS 645* Ruminant Nutrition Clerkship
- LCS 646* Equine Neonatal Medicine Clerkship
- LCS 677* Veterinary Preceptorship
- LCS 678* Government and Corporate Veterinary Practice
- MIC 660 Veterinary Clinical Microbiology Clerkship
- MIC 690 Veterinary Microbiology Clerkship
- PHM 658 Research Problems in Pharmacology or Toxicology
- PSL 611 Research Problems in Veterinary Physiology
- PTH 631* Necropsy Clerkship
- PTH 632 Problems in Veterinary Pathology
- SCS 612 Problems in Diagnostic Imaging Clerkship
- SCS 613* Diagnostic Ultrasound Clerkship
- SCS 630* Spay/Neuter Clerkship
- SCS 636 Problems in Soft Tissue Surgery (Spay/Neuter) Clerkship
- SCS 640 Cardiology Clerkship
- SCS 641 Comparative Ophthalmology Clerkship
- SCS 642 Zoo and Wildlife Medicine Clerkship
- SCS 643* Neurology Clerkship
- SCS 644* Dermatology Clerkship
- SCS 650* Advanced Cardiology Clerkship
- SCS 651* Advanced Comparative Ophthalmology Clerkship
- SCS 653 Problems in Neurology Clerkship
- SCS 656 Problems in Orthopedic Surgery Clerkship
- SCS 657 Problems in Internal Medicine Clerkship
- SCS 658 Problems in Anesthesiology Clerkship
- SCS 690 Veterinary Molecular Biology Clerkship
- SCS 693 Problems in Small Animal Clinical Science Clerkship
- SCS 694 Small Animal Specialty Practice Clerkship
- SCS 695 Emergency and Critical Care Medicine Clerkship
- VM 611 Veterinary Externship Clerkship
- VM 690b* The Art of Veterinary Practice

* No re-enrollment provision