In your first five semesters, you will learn the sciences and principles integral to veterinary medicine, including microbiology, anatomy, integrative problem solving, toxicology, pathology, ethics, basic science, and veterinary career development. This learning takes place in lectures and laboratories.

### FALL Year 1
- Animal Science for Veterinarians
- Veterinary Microbiology and Immunology
- Veterinary Neurosciences
  - Comparative Gross Anatomy 1
- Veterinary Tissue Structure and Function
- Clinical Competencies 1
- Comparative Lifestage Nutrition

### SPRING Year 1
- Veterinary Pathogenic Microbiology; Parasites
- Comparative Veterinary Gross Anatomy 2
- Animal Physiology for Veterinarians
- Veterinary Pharmacology 1: Principles and Neuropharmacology
- Basic Sciences in Clinical Medicine
- Veterinary Career Development and Practice Management
- Principles of Diagnostic Imaging
- Veterinary Organ Microanatomy
- Ethical and Animal Welfare Issues in the Veterinary Profession

### FALL Year 2
- General Pathology
- Veterinary Toxicology
- Veterinary Integrative Problem Solving
- Veterinary Epidemiology
- Veterinary Public Health
- Pathogenic Microbiology: Bacteria and Fungi
- Veterinary Pharmacology 2: Systems and Infectious Diseases
- Respiratory Diseases

### SPRING Year 2
- Clinical Competencies 2
- Veterinary Pathogenic Microbiology; Viruses
- Systemic Pathology
- Veterinary Clinical Pathology
- Cardiovascular Diseases
- Principles of Anesthesia and Surgery
- Musculoskeletal Diseases
- Selective

### FALL Year 3
- Clinical Competencies 3
- Applied Diagnostic Imaging
- Theriogenology and Urinary Diseases
- Hematological, Oncological, and Dermatological Diseases
- Neurological and Ophthalmological Diseases
- Operative Surgery
- Digestive Diseases of Domestic Animals
- Metabolic and Endocrinological Diseases
- Selective

### SPRING Year 3
- Curriculum and Learning Environment

CVM.MSU.EDU
Clinical Curriculum

Our students train in some of the finest facilities in the country, including the Veterinary Medical Center (VMC), the Diagnostic Center for Population and Animal Health (DCPAH), and the Training Center for Dairy Professionals (TCDP). Our diverse caseload and rotation-based program allows students to gain experience in all areas of veterinary medicine.

Veterinary Medical Center

The MSU Veterinary Medical Center located on the Michigan State University campus, offers primary and specialized medical care to large and small animals. Appointments may be set up by individual clients or by referral from veterinary practitioners. The VMC uses the most advanced technology combined with cutting-edge research to provide optimal care for all animals. Our veterinary professionals are board-certified specialists and licensed veterinary technicians who provide excellent clinical care to our patients. As a teaching hospital, the VMC is also committed to the education of the DVM students, interns, and residents.

In the past year, the Veterinary Medical Center has seen 28,834 cases.

Diagnostic Center for Population and Animal Health

DCPAH is a full-service veterinary diagnostic laboratory offering more than 800 tests in 11 service sections. In the more than 30 years since its inception, DCPAH has become one of the country’s premier veterinary diagnostic laboratories, handling more than 220,000 cases involving approximately 1.5 million tests annually.

The Training Center for Dairy Professionals

The Center extends the long-standing cooperation between the MSU College of Veterinary Medicine and Green Meadow Farms, Inc., in Elsie, Michigan. The Center makes use of Green Meadow Farms’ large dairy herd, modern facilities, and highly developed management infrastructure, along with the College’s faculty and facilities to provide specialized training in dairy practice for veterinary students, preveterinary students, graduate veterinarians, and other professionals serving the dairy industry. The Center also provides facilities and demonstration material for the continuing education of veterinarians and other professionals working in the dairy industry and creates an infrastructure for clinical research in the health management of dairy cows. Along with a comprehensive animal records database accessible from many locations on the farm, other special features of the Center include:

- 2 classrooms with farm intranet, Internet, and LCD projectors
- Student boarding and dining facilities
- Office space
- Microbiology and chemistry laboratory equipment
- Heated surgical theater
- Special needs barn with 16 hospital stalls
- Maternity barn with 24 stalls and a heated observation area

DVM students must complete 33 required clerkship credits and 27 credits from elective clerkships. While the typical clerkship lasts for three weeks, some run as long as six weeks.

REQUIRED CLERKSHIPS:
- Large Animal Medicine and Surgery
- Diagnostic Pathology Clerkship
- Practice Based Ambulatory Clerkship
- Diagnostic Imaging Clerkship
- Small Animal Primary Care Clerkship
- Small Animal Soft Tissue Surgery Clerkship
- Small Animal Internal Medicine Clerkship
- Anesthesia Clerkship
- Emergency and Critical Care Medicine Clerkship
- Small Animal Orthopedic Surgery

ELECTIVE CLERKSHIPS:

There are over fifty clerkships available in the departments of Large Animal Clinical Sciences, Small Animal Clinical Sciences, and Pathobiology & Diagnostic Investigation. Some examples include:
- Poultry Medicine
- Sports Medicine/Equine Lameness
- Cardiology
- Zoo & Wildlife Management
- Public Health

You can also design your own clerkship at another university or practice with approval of the Academic Dean.