

Veterinary Science (VETS)

VETS 115. Medical Terminology for the Paraprofessional. 1 Credit.

Medical terminology explored through a systematic study of word parts and the combinations used to build medical terms.

VETS 125. Animal Restraint. 2 Credits.

Study of behavioral characteristics and handling techniques of farm, companion, and laboratory animals.

VETS 135. Anatomy and Physiology of Domestic Animals. 3 Credits.

Introduction to the anatomy and physiology of common domestic mammals. Emphasis on how the body's normal structures and functions contribute to health.

VETS 136. Anatomy and Physiology Laboratory. 1 Credit.

To accompany VETS 135.

VETS 150. Introduction to the Veterinary Profession. 1 Credit.

Exploration of the many educational and career opportunities in veterinary medicine available to both veterinarians and veterinary technicians.

VETS 255. Veterinary Diagnostic Imaging. 2 Credits.

The study of diagnostic radiograph production, including: x-ray machine operation, dark room procedures, radiographic positioning, and radiation safety. Ultrasound and other forms of alternative imaging will also be discussed. Prereq: VETS 125, VETS 135, VETS 136, VETS 256 and acceptance into the professional Veterinary Technology program. Co-req: VETS 255L.

VETS 255L. Veterinary Diagnostic Imaging Laboratory. 1 Credit.

A laboratory course designed to supplement material covered in the associated VETS 255 lecture. Radiographic positioning, production, and processing will be covered, along with alternative imaging modalities. Prereq: Acceptance into the professional portion of the Veterinary Technology program. Co-req: VETS 255.

VETS 256. Veterinary Clinical Techniques and Instruments. 4 Credits.

Clinical procedures and instrumentation used in the day-to-day operation of a veterinary practice.

VETS 259. Small Animal Diseases. 2 Credits.

Basic principles of common dog and cat diseases with emphasis on client education.

VETS 265L. Veterinary Nursing Lab I. 1 Credit.

Hands on practice of clinical procedures and instrumentation use common in the day-to-day operation of a veterinary practice. Co-req: VETS 265 and acceptance into the Veterinary Technology program.

VETS 267L. Veterinary Nursing Lab II. 1 Credit.

Introduction and knowledge expansion of the hands on clinical procedures, instrumentation, animal behaviors, sample collection, necropsy techniques, and disinfection techniques used in the day-to-day operation of a veterinary facility. Prereq: VETS 265, VETS 265L. Co-req: VETS 267.

VETS 267. Veterinary Nursing II. 2 Credits.

Introduction and knowledge expansion of the clinical procedures, instrumentation, animal behaviors, sample collection, and disinfection techniques used in the day-to-day operation of a veterinary facility. Co-req: VETS 267L. Prereq: VETS 265, VETS 265L.

VETS 357. Veterinary Pharmacology. 3 Credits.

Study of drugs used in veterinary medicine with particular emphasis on commonly used drug groups.

VETS 358L. Veterinary Surgical Techniques Laboratory. 2 Credits.

Preparation for assistance with veterinary surgical procedures. Provisions of proper aftercare for veterinary surgical patients. Prereq: VETS 135, VETS 136, VETS 256, VETS 357, VETS 385 and VETS 386. Co-req: VETS 358.

VETS 358. Veterinary Surgical Nursing Techniques. 2 Credits.

Preparation for and assistance with veterinary surgical procedures. Provision of proper aftercare for veterinary surgical patients. Prereq: VETS 135, VETS 136, VETS 256, VETS 357, VETS 385 and VETS 386. Co-req: VETS 358L.

VETS 359. Veterinary Hospital Information and Procedures. 2 Credits.

Principles of veterinary hospital management and client relations/education.

VETS 367. Principles of Companion Animal Dentistry. 1 Credit.

Basic principles of veterinary dentistry. Including dental anatomy, physiology, pathophysiology, charting, and instrumentation. Techniques of routine dental prophylaxis, periodontal disease therapies, client education, and preventative oral care will be emphasized. Co-req: VETS 367L and must be a student in the professional portion of the Veterinary Technology program.

VETS 367L. Principles of Companion Animal Dentistry Lab. 1 Credit.

Basic principles of veterinary dentistry lab. Including dental anatomy, physiology, pathophysiology, charting, and instrumentation. Techniques of routine dental prophylaxis, periodontal disease therapies, client education, and preventative oral care will be emphasized. Co-req: VETS 367.

VETS 369L. Companion Small Mammal and Exotic Animal Health and Husbandry Laboratory. 1 Credit.

A laboratory course for Veterinary Technology students which is designed to supplement material covered in the associated lecture, VETS 369. Handling, restraint, nursing, and management techniques relating to small mammal and exotic species will be covered. Prereq: VETS 135, VETS 136, VETS 256. Co-req: VETS 369.

VETS 369. Companion Small Mammal and Exotic Animal Health and Husbandry. 2 Credits.

Students will be introduced to the biology, reproduction, and husbandry requirements of domestic small mammal and exotic species. The role these species play in the human animal bond will also be addressed. Prereq: VETS 135.

VETS 385. Veterinary Clinical Pathology I. 3 Credits.

Study of parasitology principles and procedures commonly utilized in veterinary medicine.

VETS 385L. Veterinary Parasitology Lab. 1 Credit.

Study of parasitology procedures commonly utilized in veterinary medicine. Co-req: VETS 385 and admission to the professional portion of the Veterinary Technology program.

VETS 386. Veterinary Clinical Pathology II. 3 Credits.

Study of hematology principles and procedures commonly utilized in veterinary medicine.

VETS 386L. Veterinary Hematology Lab. 1 Credit.

Study of hematology procedures commonly utilized in veterinary medicine. Co-req: VETS 386 and admission to the professional portion of the Veterinary Technology program.

VETS 387. Veterinary Clinical Pathology III. 3 Credits.

Study of urine analysis and serum chemistry principles and procedures commonly utilized in veterinary medicine.

VETS 440. Zoonoses. 3 Credits.

Characteristics of diseases transmissible between animals and humans. Prereq: MICR 202 or MICR 350.

VETS 455. Veterinary Applied Pharmacy Practices. 1 Credit.

Practice of veterinary pharmacology including dose calculations, pharmacy terms, prescribing practices, drug dispensing, and regulations governing drug approval, prescribing and dispensing in veterinary practice. Co-req: VETS 457. Prereq: VETS 386 and admission to the professional portion of the Veterinary Technology program.

VETS 460. Veterinary Anesthesiology. 2 Credits.

Preparation for and assistance with veterinary surgical procedures. Provision of proper aftercare for veterinary surgical patients. Prereq: VETS 357, VETS 385, VETS 386 and students must be admitted to the professional portion of the Veterinary Technology program. Co-req: VETS 460L.

VETS 460L. Veterinary Anesthesiology Lab. 1 Credit.

Preparation for and assistance with veterinary surgical procedures. Provision of proper aftercare for veterinary surgical patients. Prereq: VETS 357, VETS 385, VETS 386 and students must be admitted to the professional portion of the Veterinary Technology program. Co-req: VETS 460.

VETS 481. Ward Care/Clinic Care. 1 Credit.

Supervised experience managing the care and feeding of Veterinary Technology Program animals and clinical veterinary facilities. May be repeated 4 times.

VETS 482L. Large Animal Techniques Laboratory. 1 Credit.

A laboratory course designed to supplement material covered in VETS 482. Handling, restraint, nursing, and management techniques used in large animal veterinary practice. Primarily focused on cattle and horses. Prereq: VETS 256. Co-req: VETS 482.

VETS 482. Large Animal Techniques. 2 Credits.

Handling, restraint, nursing, and management techniques used in large animal veterinary practice. Primarily focused on cattle and horses. Prereq: VETS 256.

VETS 483. Clinical Veterinary Practicum 1-3. 1-3 Credits.

Supervised experience applying veterinary diagnostic and therapeutic techniques and procedures in a clinical setting. May be repeated with instructor approval.

VETS 485. Veterinary Technology Externship 6-12. 6-12 Credits.

Capstone experience for veterinary technology students. Continued development of skills through supervised work in a veterinary practice or other appropriate clinical setting. Refer to Animal Sciences for information regarding Veterinary Technology program.