# 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 130. Companion Animal Breeds. 1 Credit.**
History, development, uses, characteristics, and genetic predispositions of dogs, cats, horses, goats, birds, and laboratory animals. General terms associated with each species, and pertinent color patterns.

**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 194. Individual Study. 1-5 Credits.**

**VETS 196. Field Experience. 1-15 Credits.**

**VETS 199. Special Topics. 1-5 Credits.**

**VETS 255. Fundamentals of Veterinary Radiography. 2 Credits.**
Diagnostic radiograph production including X-ray machine operation, dark room procedures, radiographic positioning, and radiation safety. Prereq: VETS 125, VETS 135, VETS 136 and VETS 256 and acceptance into the professional Veterinary Technology program. Co-req: VETS 255L.

**VETS 255L. Fundamentals of Veterinary Radiography 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: VETS 125, VETS 135, VETS 136 and VETS 256 and 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 291. Seminar. 1-5 Credits.**

**VETS 292. Study Abroad. 1-15 Credits.**

**VETS 294. Individual Study. 1-5 Credits.**

**VETS 299. Special Topics. 1-5 Credits.**

**VETS 357. Veterinary Pharmacology. 3 Credits.**
Study of drugs used in veterinary medicine with particular emphasis on commonly used drug groups.

**VETS 358. Veterinary Surgical Nursing Techniques. 4 Credits.**
Preparation for and assistance with veterinary surgical procedures. Provision of proper aftercare for veterinary surgical patients.

**VETS 359. Veterinary Hospital Information and Procedures. 2 Credits.**
Principles of veterinary hospital management and client relations/education.

**VETS 379. Study Tour Abroad. 1-6 Credits.**

**VETS 385. Veterinary Clinical Pathology I. 3 Credits.**
Study of parasitology principles and procedures commonly utilized in veterinary medicine.

**VETS 386. Veterinary Clinical Pathology II. 3 Credits.**
Study of hematology principles and procedures commonly utilized in veterinary medicine.

**VETS 387. Veterinary Clinical Pathology III. 3 Credits.**
Study of urine analysis and serum chemistry principles and procedures commonly utilized in veterinary medicine.
VETS 391. Seminar. 1-5 Credits.
VETS 392. Study Abroad. 1-15 Credits.
VETS 394. Individual Study. 1-5 Credits.
VETS 399. Special Topics. 1-5 Credits.
VETS 440. Zoonoses. 3 Credits.
Characteristics of diseases transmissible between animals and humans. Prereq: MICR 202 or MICR 350.
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 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 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 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.
VETS 491. Seminar. 1-5 Credits.
VETS 492. Study Abroad. 1-15 Credits.
VETS 494. Individual Study. 1-5 Credits.
VETS 496. Field Experience. 1-15 Credits.
VETS 499. Special Topics. 1-5 Credits.