



Small and Large Animal Veterinary Surgical Training Program

The College of Veterinary Medicine and Biomedical Sciences provides a comprehensive small and large animal surgical training program for veterinary medical students. The program is extensive, comprehensive, and innovative. This program utilizes simple and complex surgical models, cadaveric specimens, and live animals in both terminal and non-terminal settings throughout all four years of the veterinary student's education. Any experience involving the use of live animals in a terminal setting is an elective experience and is not required for completion of the veterinary program; a student wishing to pursue an alternative instructional modality should contact the DVM Student Coordinator to arrange independent study weeks with surgical training themes involving models, cadavers, or clinical externships at private practices or shelters. Cadavers utilized in the veterinary curriculum are obtained from in-house through the CSU Veterinary Diagnostic Laboratory or from local shelters. Animals are never euthanized for the sole purpose of providing a cadaver for teaching.

Freshman Year:

VM 610/611 - FOUNDATIONS

FALL; Surgical instrument handling; psychomotor skills; models

SPRING; Surgical instrument and tissue handling; canine cadavers

Sophomore Year:

VM 710/711 - FOUNDATIONS

FALL; Suture handling, knot tying, suture patterns; models

SPRING; Tissue handling, suture decision-making; canine cadavers

VM 733 – SURGICAL PRINCIPLES – Lecture course with recitations; models

Junior Year:

VM 786 – JUNIOR PRACTICUM

Core Rotations

SAP – Small Animal Procedures Laboratory; cadavers

SPL – Surgical Principles Laboratory; models

Elective Rotations

EQA – Equine Surgical Anatomy; cadaver specimens

EQPR – Advanced Equine Procedures; cadavers; terminal live animal surgery

FAX – Food Animal Surgery; cadavers; terminal live animal surgery

JSL – Junior Surgery Laboratory; terminal live animal surgery

MSE – Small Animal Endoscopy; cadavers*

SAA – Small Animal Surgical Anatomy; cadavers

Senior Year: All non-terminal live animal experiences

Core Rotations – dependent on clinical track (small, general, or large)

Small Animal Soft Tissue Surgery

Small Animal Orthopedic Surgery

Oncology

Community Practice Service

Integrated Livestock Management

Equine Surgery

Elective Rotations

Repeat Core Rotations

Orthopedic Field Service

Shelter Practice Externships

Private Practice Externships

*Canine cadavers used for the Small Animal Endoscopy junior elective rotation are available due to the Continuing Education Endoscopy and Laparoscopy Course offered to DVMs twice yearly; terminal surgeries are performed using purchased animals. The animals are not purchased or euthanized solely for student teaching.