



**DEPARTMENT OF  
VETERINARY MEDICINE**

University of Alaska Fairbanks  
College of Natural Science and Mathematics

REQUIRED Courses	CRN	Course Description
<b>DVM F711</b> —Foundations of Veterinary Medicine IV	31928	Fourth semester of four-course series. Expanded physical examination of companion animals and livestock will be taught, with special emphasis on advanced techniques in reproduction, surgical skills, anesthesia, and patient management.
<b>DVM F733</b> — Principles of Surgery	31929	This course teaches principles and concepts of general and orthopedic surgery, including aseptic technique, surgical instrumentation, suture patterns, tissue healing, and wound management. Course runs from 1/25/25 - 3/21/25
<b>DVM F737</b> — Principles of Veterinary Anesthesia	31930	This course is an introduction to the principles of clinical anesthesia. Begin to get a feel for integrating your knowledge of basic sciences into making medical judgments in veterinary anesthesia.
<b>DVM F742</b> -Biology of Disease III Pathology of Organ Systems II	31931	The course will discuss principles of disease with emphasis on organ disease likely to be encountered in veterinary practice. The discussions will move from general cell-mediated processes to more specific disease mechanisms.
<b>DVM F744</b> — Theriogenology	31932	Will familiarize students with reproductive organs of large and small animals: regulation of function, reproductive endocrinology, reproductive cycles, and the physiology and pathology of reproduction.
<b>DVM F745</b> — Clinical Sciences I	31933	The course is an introduction to clinical reasoning and problem solving as a diagnostician. Diagnostic approaches to common medical problems of cardiovascular, urinary, and digestive-hepatic systems. Course runs from 1/25/25 - 3/21/25
<b>DVM F747</b> — Clinical Sciences II	31934	Continuation of clinical reasoning and problem-solving as a diagnostician. Diagnostic approaches to common medical problems of cardiac and pulmonary systems and fluid and electrolyte disorders of small and large animals. Course runs from 3/24/25 - 5/16/25

ELECTIVE Course at UAF	CRN	Course Description (This course is OPTIONAL)
<b>DVM F641</b> — Professional Explorations Externship	31926	This externship is designed for students to explore various aspects of veterinary medicine and gain hands-on experience and exposure to different areas of the profession. An opportunity for students to apply their classroom learning in a practical or clinical setting.