



**DEPARTMENT OF
VETERINARY MEDICINE**

University of Alaska Fairbanks
College of Natural Science and Mathematics

REQUIRED Courses	CRN	Section	Course Description
DVM 710 —Foundations of Veterinary Medicine III	73029	901	Topics in ethics, communication, physical exam skills, clinical reasoning, professional development, etc. Expanded physical examination of companion animals and livestock is taught with special emphasis on advanced cardiopulmonary auscultation, mammary gland evaluation, otic exam, and colic evaluation.
DVM 714 — Preventative Veterinary Medicine	73030	901	This course will provide understanding of host/disease/agent interaction and the essential steps in disease outbreak investigation.
DVM 722 — Veterinary Pharmacology	73031	901	Basic principles of pharmacology of common drugs and basic mechanisms of action. As a medicine course, the proper and effective use of drugs will be reviewed, including basics of veterinary therapeutics for selected classes of agents across selected species.
DVM 724 — Veterinary Bioanalytical Pathology	73032	901	Pathology, hematology, biochemistry, and cytopathology.
DVM 735 — Animal Welfare	73033	901	This course will provide knowledge, skill development, and tools necessary for professionals to assess and promote animal welfare and to analyze it's associated challenges.
DVM 741 — Biology of Disease II Pathology of Organ Systems	73034	901	The course will discuss basic principles of disease with special emphasis on organ system diseases most likely to be encountered in veterinary practice. Discussions will move from general cell-mediated processes to more specific disease mechanisms in a variety of domestic and exotic species.
DVM 751 — Veterinary Clinical Toxicology	73035	901	Overview of clinical toxicology relevant to veterinarians.

ELECTIVE Course at UAF	CRN	Section	Course Description (This course is OPTIONAL)
DVM 641 — Professional Explorations Externship Instructor approval required to register - See Dr. Pietsch	73604	901	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. This course is an opportunity for students to apply their classroom learning in a practical or clinical setting. Instructor approval required to register - See Dr. Pietsch