



**DEPARTMENT OF
VETERINARY MEDICINE**

University of Alaska Fairbanks
College of Natural Science and Mathematics

REQUIRED Courses	CRN	Section	Course Description
DVM 603 —Veterinary Science: Research and Methods	72869	901	This course will illustrate the role of research in furthering the practice of veterinary medicine by presenting a series of lectures from clinical and basic science investigators, faculty, and staff who will describe important elements of the research process. It will also describe possible career opportunities to students in animal health research.
DVM 606 — Veterinary Immunology	72870	901	The aim of this course is to educate Vet Med students on fundamental aspects of immunology, including functional anatomy and mechanisms of the innate and adaptive immunity in animals, immunological mechanisms of animal disease, principles of vaccination, and how to apply immunology in diagnosis of disease.
DVM 610 — Foundations of Veterinary Medicine I	72871	901	The first semester of a four-course series in foundations of veterinary medicine. Full course series will encompass topics in ethics, communication, physical exam skills, surgical skills, clinical reasoning, and professional development. You will develop professional skills necessary for the successful practice of veterinary medicine.
DVM 616 — Functional Anatomy	72872	901	Introduction to veterinary anatomy including basic orientation, nomenclature, locomotion apparatus, circulatory system, digestive, respiratory apparatus, lymphatic organs and nervous system of domestic animals.
DVM 618 — Veterinary Physiology and Histology	72873	901	This course will discuss the histology and physiology of domestic animal organ systems, tissues, cartilage, bone, muscle, arthrology, nervous system, hematopoiesis, lymphatic, cardiovascular, respiratory, and digestive systems; the renal system and physiology.

ELECTIVE Course at UAF	CRN	Section	Course Description (This course is OPTIONAL)
DVM 777 —Strategies for Establishing and Maintaining Well-Being in the Veterinary Profession	72884	901	This course will investigate and demonstrate methods for maintaining well-being while managing the stress associated with membership in the veterinary profession. Strategies for time management, life balance, nutrition, exercise, and recovery will be discussed as means of enhancing well-being and preventing professional burnout, which is widespread in the profession today.