

MEDICAL SCIENCES – VETERINARY MEDICINE (MED SC-V)

MED SC-V 570 – ANIMAL HEALTH HISTORY RESTRAINT AND PHYSICAL EXAMINATION

1 credit.

Introduces use of the problem oriented medical record concepts, history taking, physical examination and basic restraint, and diagnostic and therapeutic techniques in large and small domestic animals.

Requisites: Declared in Doctor of Veterinary Medicine with first year standing

Repeatable for Credit: No

Last Taught: Spring 2024

MED SC-V 576 – SMALL ANIMAL EMERGENCY AND CRITICAL CARE I

1 credit.

Introduction to various topics of emergency and critical care medicine.

Requisites: Declared in Doctor of Veterinary Medicine

Repeatable for Credit: No

Last Taught: Spring 2024

MED SC-V 577 – SMALL ANIMAL EMERGENCY AND CRITICAL CARE II

1 credit.

Cover various topics in emergency and critical care medicine. Several areas of emergency and critical care medicine will be presented.

Requisites: MED SC-V 576

Repeatable for Credit: No

Last Taught: Fall 2023

MED SC-V 625 – VETERINARY DIAGNOSTIC AND THERAPEUTIC TECHNIQUES

0-1 credits.

Formal laboratory instruction. Detailed examination techniques and diagnostic and therapeutic procedures relevant to veterinary procedures on all species of domestic animals.

Requisites: Declared in Doctor of Veterinary Medicine with third year standing

Repeatable for Credit: No

Last Taught: Spring 2024

MED SC-V 629 – VETERINARY NUTRITION

1 credit.

Presents awareness of the importance of nutrition in the veterinary practice.

Requisites: Declared in Doctor of Veterinary Medicine with first year standing

Repeatable for Credit: No

Last Taught: Spring 2024

MED SC-V 632 – COMPANION ANIMAL AND EQUINE MEDICINE I

6 credits.

Basic concepts of well-animal companion animal and equine health care, nutrition, and reproduction will be presented. Discussion of the etiology, pathophysiology, diagnosis, treatment, and prevention of important internal medicine and reproductive diseases in these species will be emphasized.

Requisites: Declared in Doctor of Veterinary Medicine with third year standing

Repeatable for Credit: No

Last Taught: Fall 2023

MED SC-V 633 – COMPANION ANIMAL AND EQUINE MEDICINE II

6 credits.

Basic concepts of well-animal companion animal and equine health care, nutrition, and reproduction will be presented. Discussion of the etiology, pathophysiology, diagnosis, treatment, and prevention of important internal medicine and reproductive diseases in these species will be emphasized.

Requisites: Declared in Doctor of Veterinary Medicine with third year standing

Repeatable for Credit: No

Last Taught: Spring 2024

MED SC-V 634 – FOOD ANIMAL MEDICINE

5 credits.

Basic principles for food animal species. Integrates food animal medicine, theriogenology, nutrition and preventive medicine concepts.

Requisites: Declared in Doctor of Veterinary Medicine with third year standing

Repeatable for Credit: No

Last Taught: Fall 2023

MED SC-V 635 – SWINE MEDICINE

1 credit.

Focuses on basic swine medicine clinical skills including diagnosis and treatment of common swine diseases that present in individual pigs and populations. Influences of production practices and farm structure will be introduced as they impact the successful practice of swine medicine. Additionally, regulatory influences unique to swine veterinary medicine and principles of biosecurity/biocontainment and bioexclusion will be discussed.

Requisites: Declared in Doctor of Veterinary Medicine with third year standing

Repeatable for Credit: No

Last Taught: Spring 2024

MED SC-V 667 – SMALL ANIMAL NEUROLOGY

2 credits.

Provide instruction and guidance in obtaining a complete neurological history, interpreting examinations, diagnostic tests and rationally selecting an appropriate diagnosis and effective management for neurology cases.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024

MED SC-V 668 – CLINICAL DERMATOLOGY ROTATION

2 credits.

Develop the technical, clinical and knowledge skills to effectively examine, diagnose and manage the dermatology patient.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024

MED SC-V 669 – SMALL ANIMAL CARDIOLOGY ROTATION

2 credits.

Diagnostic techniques and therapy available for the management of cardiology patients.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024

MED SC-V 670 – SENIOR ROTATION IN LARGE ANIMAL MEDICINE SERVICE

2 credits.

Diagnosis and medical treatment of diseases of horses, cattle, sheep, goats and pigs. Examine, admit and discharge cases in the Veterinary Medical Teaching Hospital.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024

MED SC-V 674 – SENIOR ROTATION IN AMBULATORY SERVICE

2 credits.

Diagnosis, treatment, and recommendation of preventive measures for common medical, surgical and management problems on farms. Examine the environmental influences associated with such problems.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024

MED SC-V 675 – SPECIAL TOPICS

1-5 credits.

Topics vary.

Requisites: Declared in Doctor of Veterinary Medicine

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024

MED SC-V 678 – SMALL ANIMAL INTERNAL MEDICINE

2 credits.

Develop the ability to analyze, organize and integrate information effectively to make clinical decisions relating to the diagnosis, prognosis, management and control of diseases.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024

MED SC-V 679 – SMALL ANIMAL ONCOLOGY

2 credits.

To develop skills in clinical medicine, palpation, interpretation of laboratory data and become acquainted with oncology clientele.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024

MED SC-V 699 – DIRECTED STUDY

1-5 credits.

Projects in the laboratory and/or through library work in specific subject areas under the direct guidance of a faculty member.

Requisites: Consent of instructor

Course Designation: Level - Advanced

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024

MED SC-V 701 – PRODUCTION MEDICINE I

2 credits.

Visit dairy farms, learn to identify production limiting problems, and develop a priority list based upon economic importance. The farm investigation consists of visual evaluations of farmstead and herd, interpretation of DHI records, and computer analysis of herd records.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Fall 2023

MED SC-V 703 – PRODUCTION MEDICINE II

2 credits.

Investigate and analyze farm and laboratory data and evaluate recommendations using benefit/cost analyses. Perform milking system, milking procedure, and environmental management evaluations.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2023

MED SC-V 705 – PRODUCTION MEDICINE III-APPLIED DAIRY NUTRITION

2 credits.

Rotation for applying principles of nutrition to dairy practice.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2024

MED SC-V 710 – SMALL ANIMAL EMERGENCY MEDICINE ROTATION

2 credits.

Work jointly with faculty, residents and interns to assess emergent patients, formulate both treatment and diagnostic plans. Under direct supervision, demonstrate basic ER skills and procedures upon patients, as is appropriate.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, for 2 number of completions

Last Taught: Spring 2024

MED SC-V 714 – SMALL ANIMAL PRIMARY CARE ROTATION

2 credits.

Provide a practical, clinical experience by determining the diagnosis and treatment of general practice preventative medicine and diseases of dogs and cats. Provide an opportunity to evaluate and treat primary or first opinion cases (medicine, surgery) seen in private practice, to develop proficiency in client communications, and to create a skills base for management of preventive health, new pet and primary medical and surgical cases.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, for 2 number of completions

Last Taught: Spring 2024

MED SC-V 716 – SMALL ANIMAL WISCARES ROTATION

2 credits.

Lead cases by determining diagnosis and treatment of general practice preventative medicine and diseases of small animal species. Build clinical diagnostic and surgical skills, communication skills, interdisciplinary teamwork, self-reflection, and cultural humility skills.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, for 1 number of completions

Last Taught: Spring 2024

MED SC-V 775 – EXTERNSHIP

1-24 credits.

Offers opportunities for faculty coordinated experience in the veterinary medical profession outside School of Veterinary Medicine.

Requisites: Declared in Doctor of Veterinary Medicine with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2024