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 Veterinary Medicine program
Repeatable for Credit: No

MED SC-V 576 — SMALL ANIMAL EMERGENCY AND CRITICAL CARE I
1 credit.

This course is designed to introduce students in the first and second year of veterinary medical school to various topics of emergency and critical care medicine.

Requisites: Good academic standing as a 1st or 2nd year Vet Med program stdt
Repeatable for Credit: No

MED SC-V 577 — SMALL ANIMAL EMERGENCY AND CRITICAL CARE II
1 credit.

This course is available to third year veterinary medical students. It will cover various topics in emergency and critical care medicine. Through lectures and case discussions, an introduction to several areas of emergency and critical care medicine will be presented.

Requisites: 3rd yr veterinary medical stdt st; prior successful completion of MED SC-V 576
Repeatable for Credit: No
Last Taught: Fall 2017

MED SC-V 625 — VETERINARY DIAGNOSTIC AND THERAPEUTIC TECHNIQUES
1 credit.

This course will complete the formal laboratory instruction of DVM students in detailed examination techniques and diagnostic and therapeutic procedures relevant to veterinary procedures on all species of domestic animals.

Requisites: Declared in Veterinary Medicine program
Repeatable for Credit: No

MED SC-V 629 — VETERINARY NUTRITION
1 credit.

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

Requisites: 1st yr Vet Med st
Repeatable for Credit: No

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: Vet Med 3 st
Repeatable for Credit: No
Last Taught: Fall 2017

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: Vet Med 3 st
Repeatable for Credit: No

MED SC-V 634 — FOOD ANIMAL MEDICINE
5 credits.

Introduce students to basic principles for food animal species. To integrate food animal medicine, theriogenology, nutrition and preventive medicine concepts into one course.

Requisites: 3rd yr Vet Med st
Repeatable for Credit: No
Last Taught: Fall 2017

MED SC-V 635 — SWINE MEDICINE
1 credit.

This course is intended for third year veterinary medical students. It will focus 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: Veterinary Medical student
Repeatable for Credit: No

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: 4th yr Vet Med st
Repeatable for Credit: Yes, unlimited number of completions

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: 4th yr Vet Med st
Repeatable for Credit: Yes, unlimited number of completions
MED SC-V 669 — SMALL ANIMAL CARDIOLOGY ROTATION  
2 credits.

Diagnostic techniques and therapy available for the management of cardiology patients.  
Requisites: 4th yr Vet Med st  
Repeatable for Credit: Yes, unlimited number of completions

MED SC-V 670 — SENIOR ROTATION IN LARGE ANIMAL MEDICINE SERVICE  
2 credits.

A practical course in diagnosis and medical treatment of diseases of horses, cattle, sheep, goats and pigs. Senior students under supervision will examine, admit and discharge cases in the Veterinary Medical Teaching Hospital.  
Requisites: Declared in Veterinary Medicine program  
Repeatable for Credit: Yes, unlimited number of completions

MED SC-V 672 — SENIOR ROTATION IN THERIOGENOLOGY SERVICE  
2 credits.

A practical course on the management of reproduction and reproductive problems in domestic animals including pets.  
Requisites: Vet Med st or cons inst  
Repeatable for Credit: Yes, unlimited number of completions

MED SC-V 674 — SENIOR ROTATION IN AMBULATORY SERVICE  
2 credits.

A practical course in the diagnosis, treatment, and recommendation of preventive measures for common medical, surgical and management problems on farms. Senior students will examine the environmental influences associated with such problems.  
Requisites: Vet Med st or cons inst  
Repeatable for Credit: Yes, unlimited number of completions

MED SC-V 675 — SPECIAL TOPICS  
1-5 credits.

Topics vary.  
Requisites: Cons inst  
Repeatable for Credit: Yes, unlimited number of completions  
Last Taught: Spring 2018

MED SC-V 678 — SMALL ANIMAL INTERNAL MEDICINE  
2 credits.

To enable student to 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: 4th yr Vet Med st  
Repeatable for Credit: Yes, unlimited number of completions

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: 4th yr Vet Med st  
Repeatable for Credit: Yes, unlimited number of completions

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

MED SC-V 701 — PRODUCTION MEDICINE I  
2 credits.

Students 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 Veterinary Medicine program  
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement  
Repeatable for Credit: No  
Last Taught: Fall 2012

MED SC-V 703 — PRODUCTION MEDICINE II  
2 credits.

An elective rotation for students interested in dairy practice and udder health in particular. Students will investigate and analyze farm and laboratory data and evaluate recommendations using benefit/cost analyses. Students will perform milking system, milking procedure, and environmental management evaluations.  
Requisites: Declared in Veterinary Medicine program  
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement  
Repeatable for Credit: No  
Last Taught: Spring 2013

MED SC-V 705 — PRODUCTION MEDICINE III-APPLIED DAIRY NUTRITION  
2 credits.

A clinical elective rotation for students interested in applying principles of nutrition to dairy practice. The rotation will include lectures, computer exercises, and farm visits.  
Requisites: Declared in Veterinary Medicine program  
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement  
Repeatable for Credit: No  
Last Taught: Spring 2013

MED SC-V 707 — PRODUCTION MEDICINE IV  
2 credits.

Assess and use dairy farm records using Dairy Comp 305 software; devise partial budgets and calculate the cost of producing milk on dairy farms.  
Requisites: Med Sc-V 701, 703, 705  
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement  
Repeatable for Credit: No
MED SC-V 708 — EQUINE THERIOGENOLOGY
2 credits.

Develop clinical skills for entry-level practice of equine reproduction.

**Requisites:** 4th yr Vet Med st

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2009

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MED SC-V 775 — EXTERNSHIP
1-24 credits.

This course is an elective for fourth year veterinary medical students which offers faculty coordinated experience in the veterinary medical profession outside the School.

**Requisites:** Vet Med st or cons inst

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

**Repeatable for Credit:** Yes, unlimited number of completions