

958. Seminar in Collective Bargaining
Spring. 4(3-0) EC 858 or approval of school.
Critical study of selected contemporary areas and issues in collective bargaining.

LABORATORY ANIMAL RESOURCES LAR

College of Veterinary Medicine

501. Introduction to Veterinary Medicine I
Summer. 2(2-0) Admission to professional veterinary program. Interdepartmental with and administered by the Small Animal Surgery and Medicine Department.

Species and breed identification, predisposition for specific diseases, basic care and feeding, restraint and handling of small domestic animals, unusual pet, and laboratory animals.

824. Laboratory Animal Medicine
(VSM 824.) Fall, Spring. 3(2-3)
Completion of ninth-term professional Veterinary Medicine program.

Basic physiologic data, housing requirements, genetics, breeding systems, diseases, humane practices, and nutrition, of major laboratory animal species; administration of animal quarters, techniques of handling and treatment.

825. Comparative Medical Experimentation
Winter. 2(1-3) Graduate status, B.S. in biological sciences and approval of department.

Critical analysis of animal experimentation reported in biological journals related to the students' interest with special emphasis on effects of environment and host variables upon validity of experimental results.

826. Laboratory Animal Pathology
Spring. 4(3-3) Graduate status and approval of department. Interdepartmental with the Department of Pathology.

Macro and microscopic studies on the diseases of laboratory animals, with special emphasis on naturally-occurring diseases which might interfere with the interpretation of experimental results.

LANDSCAPE ARCHITECTURE

See Urban Planning and Landscape Architecture

LARGE ANIMAL SURGERY AND MEDICINE LSM

College of Veterinary Medicine

412. Livestock Hygiene and Disease Control
(VSM 412.) Winter. 3(3-0) Juniors; Agriculture majors.

Fundamentals of health and disease in animals, relation of infectious and parasitic diseases of animals to human health, disease prevention and role of veterinarian in preventive medicine.

488. The Impact of Animal Resource Management Upon the World's Developing Nations
Winter. 3(4-0)

For course description, see Interdisciplinary Courses.

502. Introduction to Veterinary Medicine II
Spring. 4(3-3) Admission to the professional veterinary program. Interdepartmental with and administered by the Small Animal Surgery and Medicine Department.

Anesthetic principles, agents, and techniques. Basic surgical principles, including aseptic technique, hemostasis, wound healing, suturing and suturing materials. Fundamentals of radiology.

503. Introduction to Veterinary Medicine III
Spring. 4(3-3) Admission to professional veterinary program. Interdepartmental with the Department of Small Animal Surgery and Medicine.

Physical and systemic examination of the various domestic and laboratory species. Common restraint procedures, clinical skills, diagnostics and an approach to clients are included.

505. Large Animal Clinic I
Fall, Winter, Spring, Summer. 3(0-10)
Eighth-term or ninth-term Veterinary Medicine students.

Clinical instruction and experience in diagnosis, patient care, medication, surgery, disease prevention, and herd health.

521. Large Animal Surgery and Medicine I
(VSM 521.) Fall, Spring. 8(7-3)
Seventh-term Veterinary Medicine students.

Occurrence, etiology, symptomatology, diagnosis, prognosis, treatment and prevention of diseases of reproductive, digestive, and respiratory systems. Demonstrations of laboratory experience in basic clinical skills including restraint, diagnosis, medication, and surgery.

522. Large Animal Surgery and Medicine II
(VSM 522.) Winter, Summer. 6(5-3)

521. Occurrence, diagnosis and treatment of surgical diseases of large animals. Discussion of diseases of cardiovascular, hematopoietic, urinary, nervous and integumentary systems. Demonstrations and laboratory experience in large animal surgery techniques.

523. Large Animal Surgery and Medicine III
(VSM 523.) Fall, Spring. 7(7-0)

522. Occurrence, diagnosis and treatment of surgical and reproductive diseases. Includes radiology and diseases of locomotion.

531. Meat Hygiene
(VSM 531.) Fall, Spring. 2(2-0)
Ninth-term Veterinary Medicine students.

Judging fitness of meat for human consumption based on a knowledge of bacteriology, parasitology and pathology. Organization and operation of meat inspection programs. Field trip required.

605. Large Animal Clinic II
(VSM 605.) Fall, Winter, Spring, Summer. 12(0-36) 505.

Advanced clinical instruction and experience in diagnosis, patient care, medication, surgery, disease prevention, and herd health. Includes handling of clinic patients under direct supervision of staff veterinarians and ambulatory clinic.

624. Large Animal Surgery and Medicine IV
(VSM 624.) Winter, Summer. 4(4-0)

523. Etiology, pathogenesis, epidemiology, pathological changes, differential diagnosis, prevention, control and treatment of specific infectious diseases of large animals.

630. Veterinary Economics and Practice Management
(VSM 630.) Fall, Spring. 3(3-0)
Veterinary medicine students.
Management and business principles of veterinary medical practice.

809. Problems in Large Animal Surgery
(VSM 809.) Fall, Winter, Spring, Summer. Variable credit.

811. Problems in Large Animal Medicine
(VSM 811.) Fall, Winter, Spring, Summer. Variable credit.

813. Seminar
(VSM 813.) Fall, Winter, Spring. 1 credit.

823. Special Surgery
(VSM 823.) Spring. 3(1-6) May re-enroll for a maximum of 6 credits. Approval of department.
Surgical techniques and tissue reactions follow-

899. Research
(VSM 899.) Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 18 credits. Approval of department.
Research on thesis problems.

LATIN

See Romance Languages

LINGUISTICS AND ORIENTAL AND AFRICAN LANGUAGES

College of Arts and Letters

Courses in CHINESE and JAPANESE on the 300 level or higher are normally conducted in the language.

Linguistics and Oriental and African Language Courses LOA

299. Special Projects
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 18 credits. Approval of department.
Work in areas outside regular course offerings.

499. Special Projects
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 18 credits. Approval of department.
Work in areas outside regular course offerings.