

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 profes-
sional 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 ani-
mals, unusual pet, and laboratory animals.

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

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

**825. Comparative Medical
Experimentation**
Winter. 2(1-3) Graduate status, B.S.
in biological sciences and approval of depart-
ment.
Critical analysis of animal experimentation re-
ported 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 inter-
fere 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) Jun-
iors; 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 Interdisci-
plinary Courses.

**502. Introduction to Veterinary
Medicine II**
Spring. 4(3-3) Admission
to the professional veterinary program. Inter-
departmental with and administered by the
Small Animal Surgery and Medicine Depart-
ment.
Anesthetic principles, agents, and techniques.
Basic surgical principles, including aseptic
technic, hemostasis, wound healing, suturing
and suturing materials. Fundamentals of radi-
ology.

**503. Introduction to Veterinary
Medicine III**
Spring. 4(3-3) Admission to profes-
sional veterinary program. Interdepartmental
with the Department of Small Animal Surgery
and Medicine.
Physical and systemic examination of the vari-
ous 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 pre-
vention, 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 sys-
tems. Demonstrations of laboratory experience
in basic clinical skills including restraint, diag-
nosis, 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 dis-
eases of cardiovascular, hematopoietic, urinary,
nervous and integumentary systems. Demonstra-
tions 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, para-
sitology and pathology. Organization and oper-
ation 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, dis-
ease prevention, and herd health. Includes
handling of clinic patients under direct super-
vision of staff veterinarians and ambulatory
clinic.

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

523.
Etiology, pathogenesis, epidemiology, pathologi-
cal changes, differential diagnosis, prevention,
control and treatment of specific infectious dis-
eases of large animals.

**630. Veterinary Economics and
Practice Management**
(VSM 630.) Fall, Spring. 3(3-0)
Veterinary medicine students.
Management and business principles of veteri-
nary 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 de-
partment.
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.