

895. **Readings in Labor and Industrial Relations**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 8 credits. Approval of school.

899. **Master's Thesis Research**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 9 credits. Approval of school.

911. **Seminar in Manpower**
Fall. 4(3-0) Approval of school.
Critical study of research and policy on selected manpower problems.

923. **Seminar in Organizational Behavior**
Spring. 4(4-0) Approval of school.
Research and policy on selected problems of organizational behavior in labor and industrial relations.

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

LANDSCAPE ARCHITECTURE

See Urban Planning and Landscape Architecture

LARGE ANIMAL SURGERY AND MEDICINE LSM

College of Veterinary Medicine

412. **Livestock Hygiene and Disease Control**
Spring. 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.

IDC. **The Impact of Animal Resource Management Upon the World's Developing Nations**
For course description, see *Interdisciplinary Courses*.

621. **Integrative Clinical Problems**
Fall, Winter, Spring, Summer. 2(0-6) to 4(0-12) May reenroll for a maximum of 12 credits. Approval of department.
Comprehensive problem-solving explorations of selected clinical diseases, either systems or species oriented, in large animals.

642. **Special Problems-Research**
Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 8 credits. LSM 650 or LSM 660 or LSM 670, approval of department.
Research related to a large animal specialty.

650. **Equine Clerkship I**
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Concepts and supervised practice in equine medicine. Emphasis on diagnosis, prognosis, treatment and disease prevention.

652. **Equine Clerkship II**
Fall, Winter, Spring, Summer. 4 credits. LSM 650 and approval of department.
Advanced, supervised equine medicine and surgery.

654. **Equine Clerkship III**
Fall, Winter, Spring, Summer. 4 credits. LSM 652 and approval of department.
In-depth, supervised equine medicine and surgery.

656. **Large Animal Anesthesiology Clerkship I**
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, LSM 650, approval of department.
Concepts and supervised practice in large animal anesthesiology.

660. **Ambulatory Clerkship I**
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Concepts and supervised practice in ambulatory clinics. Emphasis is on diagnosis, prognosis, treatment and disease prevention.

662. **Ambulatory Clerkship II**
Fall, Winter, Spring, Summer. 4 credits. LSM 660, approval of department.
Advanced, supervised ambulatory clinics.

664. **Ambulatory Clerkship III**
Fall, Winter, Spring, Summer. 4 credits. LSM 662, approval of department.
In-depth, supervised farm animal medicine and surgery.

666. **Herd Health Clerkship I**
Fall, Winter, Spring, Summer. 4 credits. LSM 660, approval of department.
Concepts and supervised procedures for preventing health problems in herds maintained for food and fiber production.

670. **Food Animal Clerkship I**
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Concepts and supervised practice in food animal medicine. Emphasis on diagnosis, prognosis, treatment and disease prevention.

672. **Food Animal Clerkship II**
Fall, Winter, Spring, Summer. 4 credits. LSM 670, approval of department.
Advanced, supervised food animal surgery and medicine.

674. **Preceptorial Clerkship**
(603.) Fall, Winter, Spring, Summer. 8(0-24) to 16(0-48) May reenroll for a maximum of 16 credits. LSM 660, LSM 670, approval of department.
Applied large animal clinical science. Students participate in all activities in assigned private practices tutored by practitioners with adjunct faculty appointments.

809. **Problems in Large Animal Surgery**
Fall, Winter, Spring, Summer. Variable credit.

811. **Problems in Large Animal Medicine**
Fall, Winter, Spring, Summer. Variable credit.

813. **Seminar**
Fall, Winter, Spring. 1 credit.

899. **Research**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 18 credits. Approval of department.
Research on thesis problems.

921. **Pathology of Nutritional and Metabolic Diseases**
Summer of even-numbered years. 4(3-2) Approval of department; PTH 404 or ANT 420. ANS 525, BCH 452, HNF 462 recommended. Interdepartmental with the departments of Animal Husbandry and Pathology and Human Nutrition and Foods. Administered by Human Nutrition and Foods.
Development, physiopathology and morphologic pathology of nutritional and metabolic diseases including carbohydrate, protein, fatty acid, vitamin and mineral deficiencies, their experimental induction and their medical or economic significance.

LATIN

See Romance and Classical 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 reenroll for a maximum of 18 credits. Approval of department.
Work in areas outside regular course offerings.

315. **World Literature in English**
Fall. 3(3-0) Interdepartmental with and administered by the Department of English. Representative works, not from England or the United States, which were written originally in English, especially the English literature of present or former British Commonwealth nations, and nations from the Middle East and Africa.

316. **World Literature in English Translation**
Winter. 3(3-0) Interdepartmental with the Department of English.
Significant and characteristic works of the Orient, the Middle East, and Africa in English translation.