823. Organizational Behavior in Labor and Industrial Relations  
Fall, Winter, Summer. 4(4-0) Approval of school. Interdepartmental with the Department of Sociology.  
Analysis of why organizations, individuals and groups in union, management and government act as they do in industrial relations situations with emphasis on sociological, psychological and cultural factors.

824. Human Resource Strategies and Decisions  
Fall, Winter, Spring. 4(4-0) Approval of school.  
Analysis of human resource strategies and decisions in private and public organizations.

825. Employee Compensation and Incentives  
Spring, Summer. 4(4-0) Approval of school.  

826. Organizational Development  
Fall, Summer. 4(4-0) LJR 823 or approval of school.  
Application of general systems and organizational behavior theories to the problems of organizational change and development in labor and industrial relations, with particular emphasis on the roles of leadership and change agents.

827. Quality of Work Life  
Winter. 4(4-0) LJR 823 or approval of school.  
Quality of work life approaches to organizational and job design from the perspectives of human resource development, socio-technical systems, and labor-management relations in European, Japanese, and American contexts.

828. Data Sources in Labor and Industrial Relations  
Fall, Winter, Summer. 3(3-0) One undergraduate statistics course and approval of school.  
Review evaluation and utilization of published data on labor and industrial relations. Methods of presentation, report writing. Index numbers, time series decomposition.

829. Survey Methods in Labor and Industrial Relations  
Fall, Summer. 3(3-0) One undergraduate statistics course and approval of school.  
Design and conduct of data collection operations applied to labor and industrial situations. Sample design and sampling procedure. Design of questionnaires and interview schedules. Field operations. Data editing and coding.

830. Collective Bargaining in Public Employment  
Spring, Summer. 4(4-0) LIC 858, LIC 863, or approval of school.  
History and current status of collective bargaining practices and governmental policies in the public sector.

831. Comparative Industrial Relations Systems  
Spring, 4(4-0) LIC 801, LIC 858, LIC 863, or approval of school.  
Comparative analysis of industrial relations systems of countries in various stages of economic development.

857A. Wage Theory I  
Fall, Winter, Spring. 3(3-0) EC 324, EC 326 or approval of school. Interdepartmental with the Department of Economics.  
Advanced analysis of theories of wage determination; labor market research; economic effects of collective bargaining upon the national wage structure, output, employment, distribution of national income, the price level, nature and effects of governmental wage policies.

858. Collective Bargaining  
Fall, Winter, Spring. 3(3-0) EC 305, or approval of department. Open to graduate students in economics and related fields such as labor and industrial relations, psychology, sociology, anthropology, political science, business, and history. Interdepartmental with the Department of Economics.  
Problems and issues in the administration and negotiation of collective bargaining agreements; includes both economic and noneconomic aspects of industrial relations policies and practices.

863. Law of Labor-Management Relations  
Fall, Winter, Spring. 4(4-0) Approval of school.  
The National Labor Relations Act as amended: rights to organize and undertake concerted activity; legal framework of contract negotiations; representation of bargaining unit members; union member rights; proposed statutory changes.

865. Grievance Administration and Arbitration  
Winter, Spring. 4(4-0) LIR 858, LJR 865 or approval of school.  
Grievance procedure and arbitration as the terminal step in the grievance process. Analysis of industrial common law.

868. Equal Employment Opportunity and Occupational Safety and Health Policy  
Spring, Summer. 4(4-0)  
Major emphasis on government policies to promote equal employment opportunity, their scope and impact on collective bargaining. Attention also given to governmental policies to protect workers from substandard working conditions.

881. Special Topics in Labor and Industrial Relations  
Winter. 2(2-0) to 4(4-0). May reenroll for a maximum of 8 credits. Graduate credits or approval of school.  
Intensive analysis of special topics in collective bargaining, employment relations, or human resources.

895. Readings in Labor and Industrial Relations  
Fall, Winter, Spring. 4(4-0)  
Readings in labor and industrial relations.

923. Seminar in Organizational Behavior  
Winter. 4(4-0) May reenroll for a maximum of 8 credits if a different area is taken. 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(4-0) May reenroll for a maximum of 8 credits if a different area is taken. LJR 858.  
Critical study of selected contemporary areas and issues in collective bargaining.

LANDSCAPE ARCHITECTURE  
See Urban Planning and Landscape Architecture.

LARGE ANIMAL CLINICAL SCIENCES  
LCS  
(Formerly Department of Large Animal Surgery and Medicine.)

College of Veterinary Medicine  

412. Livestock Hygiene and Disease Control  
(LSM 412.) Fall, Winter, Spring. 3(3-0) Junior; 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.

621. Integrative Clinical Problems  
(LSM 621.) Fall, Winter, Spring, Summer. 2(2-0) to 4(0-12) May reenroll for a maximum of 12 credits. Completion of 9 terms of professional program, approval of department.  
Comprehensive problem-solving explorations of selected clinical diseases, either systems or species oriented, in large animals.

642. Special Problems Research  
(LSM 642.) Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 8 credits. Completion of 9 terms of professional program, approval of department.  
Research related to a large animal specialty.

644. Theriogenology Clerkship  
Fall, Winter, Spring. 4 credits. Completion of term of 8 of professional programs, approval of department.  
Provide hands-on clinical experience with diagnostic methods utilized in large animal reproduction.

650. Equine Clerkship I  
(LSM 650.) Fall, Winter, Spring, Summer. 4 credits. Completion of 9 terms of professional program, approval of department.  
Concepts and supervised practice in equine medicine. Emphasis on diagnosis, prognosis, treatment and disease prevention.

652. Equine Clerkship II  
(LSM 652.) Fall, Winter, Spring, Summer. 4 credits. Completion of 9 terms of professional program, LCS 650, approval of department.  
Advanced, supervised equine medicine and surgery.
654. Equine Clerkship III (LSM 654.) Fall, Winter, Spring, Summer, 4 credits. Completion of 9 terms of professional program, LCS 652, approval of department. In-depth, supervised equine medicine and surgery.

656. Large Animal Anesthesiology Clerkship (LSM 656.) Fall, Winter, Spring, Summer, 4 credits. Completion of 9 terms of professional program, approval of department. Concepts and supervised practice in large animal anesthesiology.

660. Ambulatory Clerkship (LSM 660.) Fall, Winter, Spring, Summer, 4 credits. Completion of 9 terms of professional program, approval of department. General medicine and surgery in large animals in field setting. Basic skills, diagnostic techniques and differential diagnosis. Clinical manipulative skills in theriogenology and minor surgery.

662. Introduction to Herd Health Clerkship (LSM 662.) Fall, Winter, Spring, Summer, 4 credits. Completion of 9 terms of professional program, LCS 660, approval of department. Concepts and supervised practice in herd health programs. Emphasis on developing programs for food animal species and equine species.

664. Dairy Herd Health Clerkship (LSM 664.) Fall, Winter, Spring, Summer, 4 credits. Completion of 9 terms of professional program, LCS 660, approval of department. Dairy farm and herd health management. Record keeping, general management, housing, nutrition, and mastitis control will be emphasized.

666. Equine Herd Health Clerkship (LSM 666.) Winter, Spring, Summer, 4 credits. Completion of 9 terms of professional program, LCS 660, approval of department. Establishing and maintaining herd health programs for equine operations. Reproduction, parasite control, immunization, and diagnostic medicine and surgery in the field.

668. Swine Herd Health Clerkship Fall, Winter, Spring, Summer, 4 credits. LCS 660, completion of 9 terms of professional program, approval of department. Swine diseases and related production problems encountered in swine herd health programs.


672. Food Animal Clerkship II (LSM 672.) Fall, Winter, Spring, Summer, 4 credits. Completion of 9 terms of professional program, LCS 670, approval of department. Advanced, supervised food animal surgery and medicine.

674. Preceptorial Clerkship (LSM 674.) Fall, Winter, Spring, Summer, 8(0-34) to 10(6-48) May reenroll for a maximum of 16 credits. Completion of 9 terms of professional program, approval of department. Students may not receive credit in both VM 610 and LCS 674. Applied large animal clinical science. Students participate in all activities in assigned private practices tutored by practitioners with adjunct faculty appointments.

678. Problems in Large Animal Surgery (LSM 680.) Fall, Winter, Spring, Summer, 2 to 4 credits. May reenroll for a maximum of 15 credits. Approval of department. Elective work in selected surgical research problems compatible with student's interest and ability.

681. Problems in Large Animal Medicine (LSM 811.) Fall, Winter, Spring, Summer, 2 to 4 credits. May reenroll for a maximum of 12 credits. Approval of department. Elective work in selected medicine-related research problems compatible with student's interest and ability.

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

825. Fundamental Biomedical Experimental Techniques (LSM 825.) Fall, 3(2-3) Students enrolled in a graduate degree program, approval of department. Fundamentals of humane treatment of animals, anesthesia, aseptic techniques, instrumentation, suture materials and patterns, tissue handling and wound healing for experimental animal research.

899. Master's Thesis Research (LSM 889.) Fall, Winter, Spring, Summer, Variable credit. May reenroll for a maximum of 18 credits. Students enrolled in a graduate degree program, approval of department. Research on thesis problems.

921. Pathology of Nutritional and Metabolic Diseases (HNF 921, LSM 921.) Spring, odd-numbered years. 3(3-0) MAY reenroll for a maximum of 18 credits. 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 GERMANIC, SLAVIC, ASIAN AND AFRICAN LANGUAGES

Linguistics and Germanic, Slavic, Asian and African Languages — Descriptions of Courses

Linguistics and Oriental and African Language Courses

299. Special Projects Fall, Winter, Spring, Summer, 2 to 6 credits. May reenroll for a maximum of 12 credits. Approval of department. Work in areas outside regular course offerings.

361. 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.

362. Genres and Themes in World Literature Spring, 3(3-0) Interdepartmental with the Department of English. Work will center each term around a single literary genre, type or theme. Typical examples: The Quest, Literature of Revolt, Satire. Literary examples will be selected from several national literatures.

499. Special Projects Fall, Winter, Spring, Summer, 1 to 6 credits. May reenroll for a maximum of 16 credits. Approval of department. Work in areas outside regular course offerings.

African Languages

101. African Languages—Elementary Fall, 4(4-1) May reenroll for AFR 101-102-103 sequence in more than one African language. Comprehension and speaking taught by a linguist with native interlocutors. Offerings include Bembra, Hausa, Ibo, Fidgin, Swahili, Yoruba. These and other African languages are taught upon sufficient demand and availability of instructors.

Continuation of AFR 101.