

**460. Women and the Media**  
Spring, 4(4-0)

Women printers and journalists since 1696: their role, contributions and problems; how news selection and language use has affected them; their discrimination caseload against the media.

**475. International Press Communications**  
Fall, 4(4-0)

Concepts and practices of journalism around the world; the international flow of news; newsgathering agencies and their sources; the work of foreign correspondents; news centers of the world; freedom of information.

**495. Journalism Internship**  
Fall, Winter, Spring, Summer, 3 credits. Juniors, approval of school.

A professional learning experience as a working staff member with a newspaper, magazine, newsletter, television station, radio station or other communication organization.

**499. Individual Projects**  
Fall, Winter, Spring, Summer, 1 to 4 credits. May reenroll for a maximum of 12 credits with approval of adviser. Approval of school.

Individual problems as arranged with instructor.

**810. Visual Journalism**  
Fall of even-numbered years, 4(4-0)

Issues, concepts and history involved with: combining photographs and words; photography and graphics as reporting tools; design; media technology; photography and public policy.

**811. Proseminar in Mass Media and Their Audiences**  
Winter of odd-numbered years, 4(4-0)

The structure of the mass media; growth and change since the 1930's; the mass communications system in an urban setting; economic base of the print and broadcast media; nature of the audience of the media; relationship of the media and their audiences.

**815. Seminar in the Press and Society**  
Fall, 4 credits.

Professional and theoretical issues in the role of news media in society. Provides opportunity to study special interest in law, ethics, graphics, photojournalism, new technology, broadcast or magazine journalism.

**816. Seminar in Documentary Research in Journalism**  
Winter, 4 credits.

Techniques of selected qualitative research methods, including case method, historical method, documents use, and computer data base searches. Applications to student projects, with attention to bibliography, documentation, and style.

**817. Seminar in Quantitative Research in Journalism**  
Spring, 4(4-0)

Techniques of selected quantitative research methods, including content analysis, survey research, and statistical methods.

**820. Seminar in History of Journalism**  
Spring of even-numbered years, 4 credits.

Selected periods in the history of American journalism. Students will read widely in the literature of journalism for the period under discussion, and will make first-hand study of original files of newspapers and magazines of period.

**823. Government and Mass Communications**  
Spring of odd-numbered years, 4(4-0)

Contemporary issues resulting from the restrictive, regulatory, and supplementary activities of government in the field of mass communications; current constitutional and administrative problems of the mass media.

**826. Public Policy and Broadcast News**  
Winter of even-numbered years, 4(4-0)  
Master's students; approval of school.

Analysis of contemporary ethical, legal and social responsibility issues relating to the dissemination and public consumption of broadcast news.

**890. Special Problems**  
Fall, Winter, Spring, Summer, 1 to 12 credits.

**898. Applied Professional Project**  
Fall, Winter, Spring, Summer, 1 to 4 credits. May reenroll for a maximum of 4 credits. JRN 815, JRN 816, JRN 817, approval of department.

Master's Plan B research project.

**899. Master's Thesis Research**  
Fall, Winter, Spring, Variable credit.  
Approval of school.

**915. Seminar in the History of the Mass Media**  
Winter, 4(4-0) Advanced graduate students.

Analysis of the development of the mass media, mainly newspapers, magazines, radio, and television, in the United States. Application of documentary research methods to mass media history.

**931. Mass Media and the First Amendment**  
Fall, 4(4-0) Advanced graduate students. Interdepartmental with the departments of Advertising and Telecommunication.

First amendment rights and the mass media. Analysis in depth of past and present public policy in areas of confrontation over guaranteed rights of freedom of expression.

**LABOR AND INDUSTRIAL RELATIONS**

**LIR**

**College of Social Science**

**801. Labor in Twentieth Century America**  
Fall, Winter, Spring, 4(4-0) Approval of school.

Review of the history of American labor and its evolving structure and an analysis of current problems facing unions.

**803. Employment and Unemployment**  
Fall, 4(4-0) Approval of school.

Analysis of trends in employment and unemployment during the twentieth century in the U.S. Theoretical framework for explaining employment fluctuations. Policies for reducing unemployment. Inflation and unemployment.

**809. Labor Markets**  
Fall, Winter, Spring, 4(4-0) Approval of school.

Review of labor market structures and processes, forces affecting work and wages; and public policy on human resource development and utilization and on income maintenance.

**811. Employment and Training Programs**  
Fall, 4(4-0) Approval of school.

Role and effectiveness of the public employment service, vocational and apprenticeship programs, retraining and vocational rehabilitation activities, etc., as instruments of an active human resource policy.

**813. Income Maintenance Programs**  
Winter, 4(4-0) Approval of school.

Causes and social consequences of poverty. Nature and effectiveness of income transfer programs against poverty and insecurity. Integration with employment and training programs. Relation between public and private programs.

**817. Methods of Program Evaluation**  
Spring, 4(4-0) Approval of school.

Principles of benefit-cost analysis, cost-effectiveness analysis, and other methods of evaluation applicable to human resource programs.

**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 unions, 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.

Theory and practice of payment systems in private and public employment. Compensation and motivation. Job evaluation and performance review. Incentive plans, executive compensation, and fringe benefits.

**826. Organizational Development**  
Fall, Summer, 4(4-0) LIR 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) LIR 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.

## Descriptions — Labor and Industrial Relations

### of

### Courses

**828. Human Resource Information Systems**  
Spring, 4(4-0) LIR 824.

Human resource and labor relations information systems; information requirements for human resource decisions, methods of appraising available software, role of personnel specialists in database development and operation.

**832. 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.

**834. 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 relations. Sample design and sampling procedures. Design of questionnaires and interview schedules. Field operations. Data editing and coding.

**841. Collective Bargaining in Public Employment**

Spring, Summer. 4(4-0) LIR 858, LIR 863, or approval of school.

History and current status of collective bargaining practices and governmental policies in the public sector.

**854. Comparative Industrial Relations Systems**

Spring, 4(4-0) LIR 801, LIR 858, LIR 863, or approval of school.

Comparative analysis of industrial relations systems of countries in various stages of economic development.

**857A. Labor Economics I**

Fall. 3(3-0) EC 324, EC 326 or approval of school. Interdepartmental with and administered by the Department of Economics.

Labor supply; labor demand; job search and job matching; labor mobility and migration; effects of government policies on labor markets.

**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, LIR 863 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. Twelve 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, Summer. 2 or 3 credits. May reenroll for a maximum of 6 credits. Twenty credits in labor and industrial relations.

**899. Master's Thesis Research**

Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 9 credits. Approval of school.

**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. LIR 858.

Critical study of selected contemporary areas and issues in collective bargaining.

**621. Integrative Clinical Problems**

Fall, Winter, Spring, Summer. 3 credits. Completion of 9 terms of professional program or 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. Completion of 9 terms of professional program, approval of department.

Research related to a large animal specialty.

**644. Theriogenology Clerkship**

Fall, Winter, Spring, Summer. 3 credits. Completion of 9 terms of professional program, approval of department.

Provide hands-on clinical experience with diagnostic methods utilized in large animal reproduction.

**650. Equine Medicine and Surgery Clerkship**

Fall, Winter, Spring, Summer. 6 credits. Completion of 9 terms of professional program, approval of department.

Concepts and supervised practice in equine medicine and surgery. Emphasis on diagnosis, prognosis, treatment and disease prevention.

**651. Equine Musculoskeletal Diseases**

Fall, Winter, Spring, Summer. 3 credits. Completion of 9 terms of professional program or approval of department.

Techniques and procedures used for the diagnosis and management of a variety of equine musculoskeletal diseases utilizing hospitalized and field cases.

**654. Advanced Equine Medicine and Surgery**

Fall, Winter, Spring, Summer. 3 credits. Completion of 9 terms of professional program, LCS 650 or approval of department.

In-depth, supervised equine medicine and surgery.

**656. Large Animal Anesthesiology Clerkship**

Fall, Winter, Spring, Summer. 3 credits. Completion of 9 terms of professional program, approval of department.

Concepts and supervised practice in large animal anesthesiology.

**660. Field Service/Food Animal Clerkship**

Fall, Winter, Spring, Summer. 9 credits. Completion of 9 terms of professional program, approval of department.

Management of both individual and herd animal disease problems in both a hospital and on-farm environment. Skills in theriogenology. Introduction to principles of herd health management and clinical epidemiology.

**664. Dairy Herd Health Clerkship**

Fall, Winter, Spring, Summer. 3 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.

## LANDSCAPE ARCHITECTURE

See Geography.

## LARGE ANIMAL CLINICAL SCIENCES LCS

### 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.