Labor and Industrial Relations—LIR

827 High Performance Work Systems
Spring. 3(3-0) P.M. (LIR 823) R: Open to graduate students in Labor Relations and Human Resources or Labor Relations and Human Resources-Urban Studies, or Social Science Industrial Relations and Human Resources or approval of department. How work innovations relate to employee empowerment initiatives, organizational processes and performance. Innovations from the perspectives of human resource management, socio-technical systems and labor-management relations. American and international applications.

828 Human Resource Information Systems
Fall, Spring. 3(3-0) P.M. (LIR 824) R: Open only to students in the School of Labor and Industrial Relations and students in the Interdisciplinary Ph.D. program in Social Science with a concentration in Industrial Relations and Human Resources. Information requirements for human resource decisions. Methods of appraising software. Role of human resource specialists in database development and operation.

832 Data Sources in Labor and Industrial Relations
Fall, Spring. 3(3-0) R: Approval of department. Evaluation, use, and interpretation of data on industrial relations and human resources. Methods of presentation and report writing. Applications of index numbers, seasonal adjustments, and multiple regression.

854 Comparative Industrial Relations and Human Resources Systems
Spring. 3(3-0) P.M: (LIR 801 or LIR 858 or LIR 863) R: Open only to students in the School of Labor and Industrial Relations and students in the Interdisciplinary Ph.D. program in Social Science with a concentration in Industrial Relations and Human Resources. Analysis of human resource practices and labor relations in different nations. Comparison of industrialized market economies and workplace practices. Analysis of selected current comparative human resource and industrial relations problems.

855 Labor and Management Relations

858 Collective Bargaining
Fall, Summer. 3(3-0) R: Open only to students in the School of Labor and Industrial Relations. Theory and practice of collective bargaining. Wages, benefits, seniority, grievances, arbitration, and labor-management committees. Legal, economic, technological, and historical contexts.

860 Negotiation and Conflict Resolution
Fall, Spring. 3(3-0) P.M. (LIR 823 or LIR 858) R: Open only to students in the School of Labor and Industrial Relations and students in the Interdisciplinary Ph.D. program in Social Science with a concentration in Industrial Relations and Human Resources. Negotiation and conflict resolution in employment settings. Use of experiential simulations to develop bargaining styles and interpersonal process skills.

863 Law of Labor Management Relations
Fall, Spring, 3(3-0) R: Open only to students in the School of Labor and Industrial Relations. Legal framework for contract negotiations and administration. National Labor Relations Act as amended. Right to organize and undertake concerted activity. Strikes and lockouts. Unfair labor practices.

865 Arbitration and Alternate Dispute Resolution
Spring. 3(3-0) RB: (LIR 858 or LIR 863) R: Open only to students in the School of Labor and Industrial Relations. Grievance procedure and arbitration as the terminal step in the grievance process under collective bargaining. Grievance procedures in non-union employment settings.

868 Employment Law
Fall, Spring, 3(3-0) R: Open only to students in the School of Labor and Industrial Relations. Federal law, government policies, and legal principles regarding equal employment opportunity, occupational illnesses and injuries, right to privacy, employment at will, drug and alcohol screening.

890 Independent Study in Labor Relations and Human Resources
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. RB: 15 credits in Labor and Industrial Relations. R: Open only to students in the School of Labor and Industrial Relations. Individual readings under faculty guidance.

891 Special Topics in Labor Relations and Human Resources
Fall. 3(3-0) A student may earn a maximum of 15 credits in all enrollments for this course. R: Open only to students in the School of Labor and Industrial Relations. Special topics in collective bargaining, human resources, employment, and training.

899 Master’s Thesis Research
Fall, Spring, Summer. 0(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: 9 graduate credits. R: Open only to students in the School of Labor and Industrial Relations. Master’s thesis research.

990 Independent Study in Labor Relations and Human Resources
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. RB: 15 credits in Labor and Industrial Relations courses. R: Open only to Ph.D. students in the School of Labor and Industrial Relations. Individual readings under faculty guidance for doctoral students.

992A Seminar in Organizational Behavior and Human Resources
Fall of odd years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (LIR 823 and LIR 824) R: Open only to students in the School of Labor and Industrial Relations. Research and policy analysis of selected topics in organizational behavior and human resources in labor and industrial relations.

992B Employment Relations Theory and Research
Fall of odd years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (LIR 801 and LIR 858) R: Open only to students in the School of Labor and Industrial Relations. Research and policy analysis of selected topics in collective bargaining and labor unions.

LANDSCAPE ARCHITECTURE

Department of Geography
College of Social Science

200 Introduction to Landscape Architecture
Fall. 3(3-0) Environmental issues and problem-solving strategies within landscape architecture.

220 Graphic Communication
Fall. 4(2-4) R: Open only to majors in Landscape Architecture or Urban and Regional Planning or Horticulture. Fundamentals of graphics including freehand and technical drafting, lettering, sketching, perspective drawing, and delineation and rendering. Principles of design and field drawing techniques. Also introduced: plan, section, elevation and basic symbols, references, methods of presentation and graphic reproduction.

240 Applied Design Fundamentals
Spring. 4(2-4) RB: (LA 220) or approval of department. R: Open only to majors in Landscape Architecture or Horticulture or Crop and Soil Sciences or Urban and Regional Planning. Application of the principles and theory of design in advanced two-and three-dimensional representation.

270 Landscape Design History
Spring. 3(3-0) History of landscape architecture. Landscape development styles, design forms, and organization.

311 Landscape Design and Management Specifications
Spring. 4(3-2) Interdepartmental with Horticulture. Administered by Department of Horticulture. R: (HORT 211 and HORT 212 or concurrently) Landscape design techniques, spatial organization, plant selection, plant and site interaction, relationship between design, construction and maintenance. Preparation of planting and maintenance specifications.
and specifications.

331 Site Engineering
Spring. 4(2-4) RB: (LA 330) R: Open only to majors in Landscape Architecture or Horticulture. Principles and procedures for landscape engineering of site structures and systems such as road alignment, storm and subsurface drainage. Site utilities.

341 Basic Site Design I
Fall. 4(2-4) RB: (LA 240) and (GEO 221 and HED 240) R: Open only to majors in Landscape Architecture or Horticulture or Crop and Soil Sciences or Urban and Regional Planning.

390 Landscape Architecture Field Studies
Fall, Spring. 2 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to juniors or seniors in Landscape Architecture. Approval of department. Field observation and analysis of selected professional offices, design and planning projects, natural areas, or places of historic interest. Background familiarization of selected study sites. Evaluation and synthesis of study experiences.

420 Advanced Graphic Communication
Spring. 4(1-6) RB: (LA 342) R: Open only to majors in Landscape Architecture. Methods of 3-D visualization in the design process.

439 Golf Course Planning and Design
Fall of even years. 3(3-0) Interdepartmental with Urban Planning. Administered by Department of Geography. RB: (LA 342) R: Open only to seniors or graduate students in Urban and Regional Planning or Urban and Regional Planning-Urban Studies or Landscape Architecture.

443 Community Project Design I
Fall. 5(2-6) RB: (LA 342) R: Open only to majors in Landscape Architecture or Urban and Regional Planning. Approval of department. C: LA 437 concurrently and LA 480 concurrently.

444 Community Project Design II
Spring. 5(2-6) RB: (LA 443) R: Open only to majors in Landscape Architecture. The community systems planning process. Application of multiple use theory and techniques. Integration of project demands and community infrastructure.

445 Advanced Project Design
Spring. 4(0-8) RB: (LA 444 and LA 480) R: Open only to seniors in Landscape Architecture.

446 Regional Environmental Design
Fall. 3(0-6) RB: (LA 444) R: Open only to seniors in Landscape Architecture or approval of department.

480 Professional Practice (W)
Fall. 3(2-2) P: Completion of Tier I writing requirement. R: Open only to seniors or graduate students in Landscape Architecture. C: LA 437 concurrently and LA 443 concurrently. Principles and procedures of professional office practice. Organization and management of offices, personnel, and projects. Ethical and legal issues.

493 Internship in Landscape Architecture
Fall, Spring, Summer. 2 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open only to seniors in Landscape Architecture or approval of department. Supervised experience in approved public agencies and professional offices.

494 Special Topics in Landscape Architecture
Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to juniors or seniors in Landscape Architecture or approval of department. Selected subjects in landscape architecture derived from emerging issues and topics.

498 Internship in Zoo and Aquarium Science
Fall, Spring, Summer. 3 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. Interdepartmental with Zoology; Fisheries and Wildlife. Administered by Department of Zoology. R: Open only to juniors or seniors. Approval of department.

Application of zoological experience in a zoo or aquarium setting outside the university.

816 Environmental Design Theory
Fall. 3(3-0) Interdepartmental with Horticulture; Park, Recreation and Tourism Resources; Human Environment and Design. RB: Undergraduate design degree recommended.

Differences between normative theories, scientific theories, models, and constructs. Exploration of normative theories related to thesis or practicum.

817 Environmental Design Studio
Fall, Spring, Summer. 3 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. Interdepartmental with Horticulture; Park, Recreation and Tourism Resources; Human Environment and Design. P: (LA 816 and LA 883) RB: Undergraduate design degree.

Development of a student-selected environmental design project in a collaborative setting.

883 Environmental Design Seminar
Fall. 3(3-0) Interdepartmental with Horticulture; Park, Recreation and Tourism Resources; Human Environment and Design. Open only to seniors or graduate students in Landscape Architecture. C: LA 437 concurrently and LA 443 concurrently.


490 Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 7 credits in all enrollments for this course. R: Open only to seniors in Landscape Architecture. Approval of department.

Individual investigation of landscape architecture topics in the interest areas of the Landscape Architecture faculty.

492 Senior Research Seminar (W)
Spring. 3(2-2) P: Completion of Tier I writing requirement. R: Open only to seniors or graduate students in Landscape Architecture.

Contemporary issues of relevance to the profession.

898 Master's Thesis Practicum
Fall, Spring, Summer. 3 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. RB: Undergraduate design degree. R: Open only to graduate students in Environmental Design. Detailed professional application of a student-selected environmental design project.

899 Master's Thesis Research
Fall, Spring, Summer. 3 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. RB: Undergraduate design degree. R: Open only to graduate students in Environmental Design. Preparation and completion of an independent research thesis.