96 Professional Project in Journalism
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 25 credits in all enrollments for this course. R: Approval of School.
Individualized research and production of in-depth journalism projects.

99 Master's Thesis Research
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open only to master's students in Journalism. Approval of school. Master's thesis research.

916 Qualitative Research Methods
Spring. 3(3-0) Interdepartmental with Advertising; Telecommunication. R: Open only to Ph.D. students in Mass Media and Communication. Qualitative research in mass and specialized communication systems. Topics include documentary, bibliographic, case study and participant observation methods.

921 Media Theory
Fall. 3(3-0) Interdepartmental with Advertising; Telecommunication. Administered by Department of Advertising. R: Open only to Ph.D. students in Mass Media and Communication. Process and effects of mediated communication. Audiences, socialization, and persuasion. Macro-societal, and intercultural perspectives. Theory construction.

930 Law and Public Policy of the Media
Fall. 3(3-0) Interdepartmental with Advertising; Telecommunication. R: Open only to Ph.D. students in Mass Media. Philosophical, legal, political, and statutory principles underlying law and public policy applied to media. Selected issues involving constitutional law, common law, statutes, and administrative policy.

960 Media and Technology
Spring. 3(3-0) Interdepartmental with Telecommunication; Advertising. Administered by Department of Telecommunication. R: Open only to Ph.D. students in Communication Arts and Sciences-Mass Media or Communication or approval of department. Theoretical frameworks concerning media and communication processes, and their interactions with technology. Social, organizational, critical, and economic perspectives.

965 Media Economics
Spring. 3(3-0) Interdepartmental with Telecommunication; Advertising. Administered by Department of Telecommunication. R: Open only to Ph.D. students in Communication Arts and Sciences-Mass Media or Communication or approval of department. Economic theory and analysis relevant to the mass media. Economic structure and performance of mass media and advertising industries. Competition among media and within related industries.

975 Quantitative Research Design
Fall. 3(3-0) Interdepartmental with Advertising; Telecommunication. Administered by Department of Advertising. P:NM: One graduate-level research design or statistics course. R: Open only to Ph.D. students in Mass Media. Survey, experimental and content-analytic techniques applied to the study of media. Academic and applied research methods. Univariate and multivariate techniques.

KINESIOLOGY

Department of Kinesiology
College of Education

101 Aquatics
Fall, Spring, Summer. 1(0-2) R: A student may earn a maximum of 8 credits in all enrollments for this course if different activities or the same activities at higher levels are involved. Students are limited to a combined total of 8 credits in KIN 101 through KIN 108. SA: PES 101
Skill and knowledge development in water-related activities. Separate course sections in activities such as swimming, diving, lifeguarding, water polo, and sailing.

102 Combative Sports
Fall, Spring, Summer. 1(0-2) R: A student may earn a maximum of 8 credits in all enrollments for this course if different activities or the same activities at higher levels are involved. Students are limited to a combined total of 8 credits in KIN 101 through KIN 108. SA: PES 102
Skill and knowledge development in the art or sport of physical training. Separate course sections in activities such as judo, karate, aikido, and fencing.

103 Conditioning
Fall, Spring, Summer. 1(0-2) R: A student may earn a maximum of 8 credits in all enrollments for this course if different activities or the same activities at higher levels are involved. Students are limited to a combined total of 8 credits in KIN 101 through KIN 108. SA: PES 103
Knowledge and competency in physical fitness activities that emphasize cardiovascular and muscular training. Separate course sections in activities such as aerobic exercise, power walking, swim conditioning, and weight training.

104 Dance
Fall, Spring, Summer. 1(0-2) R: A student may earn a maximum of 8 credits in all enrollments for this course if different activities or the same activities at higher levels are involved. Students are limited to a combined total of 8 credits in KIN 101 through KIN 108. SA: PES 104
Skill and knowledge development in dance activities. Separate course sections in dance styles such as ballet, modern, jazz, Latin, and social.

105 Gymnastics
Fall, Spring, Summer. 1(0-2) R: A student may earn a maximum of 8 credits in all enrollments for this course if different activities or the same activities at higher levels are involved. Students are limited to a combined total of 8 credits in KIN 101 through KIN 108. SA: PES 105
Skill and knowledge development in gymnastics. Separate sections in activities such as apparatus, tumbling, and floor exercise.

106 Individual Sports
Fall, Spring, Summer. 1(0-2) R: A student may earn a maximum of 8 credits in all enrollments for this course if different activities or the same activities at higher levels are involved. Students are limited to a combined total of 8 credits in KIN 101 through KIN 108. SA: PES 106
Skill and knowledge development in individual sports. Separate course sections in activities such as bowling, golf, skating, self defense, track and field.

107 Racquet Sports
Fall, Spring, Summer. 1(0-2) R: A student may earn a maximum of 8 credits in all enrollments for this course if different activities or the same activities at higher levels are involved. Students are limited to a combined total of 8 credits in KIN 101 through KIN 108. SA: PES 107
Skill and knowledge development in racquet sports. Separate course sections in sports such as badminton, racquetball, and tennis.

108 Team Sports
Fall, Spring, Summer. 1(0-2) R: A student may earn a maximum of 8 credits in all enrollments for this course if different activities or the same activities at higher levels are involved. Students are limited to a combined total of 8 credits in KIN 101 through KIN 108. SA: PES 108
Skill and knowledge development in team sports. Separate course sections in sports such as basketball, ice hockey, lacrosse, soccer, softball, and volleyball.

121 The Healthy Lifestyle
Fall, Spring, Summer. 3(2-2) SA: PES 121
Cardiovascular risk factors, lifestyle habits, and aerobic capacities and their relationship to optimal health and longevity. Individual physical activity required as part of the course.

125 First Aid and Personal Safety
Fall, Spring, Summer. 3(3-0) SA: PES 125
Knowledge and application of first aid concepts relating to respiratory and cardiopulmonary disorders, shock, wounds, burns, fractures, drug poisoning, childbirth, litigation. Preventing trauma by recognizing and avoiding safety hazards.

126 Introduction to Athletic Training
Fall, Spring. 3(2-2)
Basic knowledge and skills for the recognition and prevention of athletic injuries. Classroom and laboratory experiences.
Kinesiology–KIN

127 Clinical observation in Athletic Training
Fall, Spring. (1-0-3) P.M.: (KIN 126 or concur-
rently) Supervised experience in clinical setting in sports
medicine.

170 Foundations of Kinesiology
Fall, Spring. (2-2-0) SA: PES 170
Kinesiology as a disciplinary major. Subdisciplines and professions. Historical perspectives.

171 Athletics in Higher Education
Fall. (1-1-0) SA: PES 171
Philosophy and organization of athletics. Athletics and academic achievement. Ethical issues, legal
issues, social conduct, eligibility, athlete’s rights and responsibilities. Coaches’ responsibilities and institu-
tional obligations.

201 Water Safety Instruction
Fall, Spring. (2-1-0) P.NM: Training in Emer-
gency Water Safety or Lifeguarding plus
scored at least 80% on both skill and writ-
ten pre-tests. SA: PES 201
Knowledge and skills necessary to plan and conduct
American Red Cross water safety courses. Current
lifesaving certification is assumed.

202 Aerobic Exercise Instruction
Fall, Spring. (3-2-3) RB: Experience in aero-
bic exercise. SA: PES 202
Theory and practice for aerobic exercise leaders.
Functional effects of physical activity. Safe exercise
practices. Modifications and precautions for spe-
cial populations. Choreography practice. Health and
exercise screening. Legal issues.

203 Self-Defense Instruction
Spring of even years. (2-1-2) RB: Experience in
self defense techniques. SA: PES 203
Knowledge, skills, strategies, tactics, and experi-
ence necessary to teach personal defense skills.
Assaultive process and situation assessment. Pre-
vention, de-escalation, confrontation skills, and self
defense. Competence in self defense assumed.

204 Sailing and Cruising
Fall, Spring, Summer. (2-1-3) RB: Experi-
ce in sailing small crafts. SA: PES 204
Knowledge, skills, and experience neces-
sary to sail large vessels on inland and
coastal waters. Live aboard and sail for six
days and nights, traveling approximately 250
miles. Competence in sailing small crafts assumed.

205 Lifeguarding
Fall, Spring, Summer. (2-1-2) RB: Compe-
tence as an advanced swimmer. SA: PES 205
Lifeguarding knowledge and skills necessary to
obtain American Red Cross Lifeguarding certificate.
Advanced swimming level is assumed.

216 Applied Human Anatomy
Fall. (3-3-0) R: Open only to majors in the
Department of Kinesiology. Not open to fresh-
men. SA: PES 216
Structural anatomy of the human body. Interrelations-
ships of structure, function, and human movement.

217 Applied Human Anatomy Laboratory
Spring. (1-0-3) P.M. (KIN 216 or concur-
rently) R: Not open to freshmen. Open only
to majors in the Department of Kinesiology.
SA: PES 217
Major bones, muscles, nerves, vessels, and organs
of the human body. Articulations, muscle origins,
muscle insertions, and prime moving actions.

250 Measurement in Kinesiology
Fall, Spring. (3-3-0) SA: PES 250
Methods and materials for measurement and
evaluation. Motor skills, physical fitness, knowledge,
and attitudes associated with physical activity.

260 Physical Growth and Motor Behavior
Fall, Spring. (3-3-0) SA: PES 260
Physical growth and biological maturity as related to
motor performance and skill learning. Sequential
progressions of fundamental motor skills. Physical
fitness of children and youth. Motor abilities. Stages
of skill acquisition.

300A Coaching Baseball
Fall. (2-1-2) RB: Previous experience in the
sports of baseball or softball. R: Not open to freshmen. SA: PES 300A
Techniques for coaching baseball. Rules, strategies,
and training. Development and evaluation of player
skills. Planning, conducting, and evaluating prac-
tices.

300B Coaching Sports for Athletes with
Disabilities
Spring of even years. (2-0) Interdepart-
mental with Park, Recreation and Tourism
Resources; Sociology; Linguistics and Lan-
guages; Music; Romance Languages.
Rules, strategies, and training. Developing and
evaluating player skills. Planning, conducting,
and evaluating sport practices. Health and safety con-
cerns.

300C Coaching Soccer
Spring. (2-1-2) RB: Working knowledge of
the sport of soccer. R: Not open to fresh-
men. SA: PES 300C
Techniques for coaching soccer. Developing and
evaluating player and team skills. Planning, conduct-
ing and evaluating practices and games. Rules,
drills, strategies and training.

300D Coaching Basketball
Fall. (2-2-0) RB: Working knowledge of the
sport of basketball. R: Not open to fresh-
men. SA: PES 300D
Techniques and strategies for coaching basketball.
Rules, drills, and training. Development and evalu-
ation of individual and team skills. Planning, conduct-
ing, and evaluating practices and games.

300E Coaching Football
Fall. (2-2-0) RB: Working knowledge of the
sport of football. R: Not open to fresh-
men. SA: PES 300E
Techniques and strategies for coaching football.
Rules, drills, and training. Development and eval-
ation of individual and team skills. Planning, conduct-
ing, and evaluating practices and games.

300K Coaching Track and Field
Fall. (2-1-2) RB: Working knowledge of the
sports of cross country or track and field. R: Not open to freshmen. SA: PES 300K
Techniques and strategies for coaching track and
field. Rules, drills, and training. Development and
evaluation of participant skills. Planning, conducting,
and evaluating practices and meets.

300L Coaching for Strength, Conditioning and
Fitness
Summer. (2-2-0) R: Not open to freshmen.
Basic theoretical and practical principles of coach-
ing/training for increased fitness and/or sports per-
formance. Individual applications to diverse popula-
tions.

300T Coaching Tennis
Fall, Summer. (2-2-0) RB: Working knowl-
edge of the sport of Tennis.
Techniques for coaching tennis. Rules, drills, strat-e-
gies and training. Development and evaluation of player
skills. Planning, conducting and evaluating practices.
Match preparation. Team formation.

301E Advanced Football Coaching
Spring. (2-2-6) P.M. (KIN 300E) SA: PES 301E
Administrative and planning responsibilities. Ad-
vanced techniques in offensive and defensive posi-
tion play. Scouting and performance evaluation.
Weight training and conditioning. Athletic training

310 Physiological Bases of Physical Activity
Fall, Spring. (3-3-0) P.M.: (KIN 170 and KIN
216 and CEM 141 and PSL 250) or (PSL
431 and PSL 432) R: Open only to majors in
the Department of Kinesiology. SA: PES 310
Acute and chronic effects of exercise on various
body systems. Principles of training, exercise pre-
scription, and the role of physical activity in health
and disease.

320 Pathology of Sports Injury
Spring. (3-5-3) P.M.: (KIN 125 and KIN 217)
and (KIN 310 or concurrently) SA: PES 320
Pathophysiology and pathomechanics of sport in-
jury, tissue response and the healing process as
they relate to management and rehabilitation of
sports injury.

330 Structural and Mechanical Analysis of
Physical Activity
Fall, Spring. (3-2-2) P.M.: (KIN 170 and KIN
216 and KIN 217) and (PHY 231 or PHY
231B or PHY 231C or PHY 181B or PHY
183 or PHY 183B or PHY 193H) SA: PES 330
Biomechanical analysis of human movement based
upon musculoskeletal structure and function. Me-
chanical principles.

340 Psychological Bases of Physical Activity
Fall, Spring. (3-3-0) P.M.: (KIN 170) SA: PES 340
Psychological factors affecting motor skill acquisition
and performance. Psychological skills which en-
hance sport performance. Applications of learning theory.

350 Techniques of Teaching I
Spring. (2-0-6) P.M. (TE 301) RB: Basic
knowledge and understanding of skills e-
lated to basketball, gymnastics, soccer, flag
football, floor hockey and tennis, or activities
that are closely related. R: Not open to
freshmen or sophomores. Open only to
Kinesiology students admitted to the
Teacher Education program.
Application of kinesiological pedagogical principles
to basketball, gymnastics, soccer, flag football,
floor hockey, and tennis.

351 Techniques of Teaching II
Fall. (2-0-6) P.M. (TE 301) RB: Basic knowl-
edge and understanding of skills related to
golf, softball, track and field, badminton
and volleyball, or activities that are closely e-
lated. R: Not open to freshmen or sopho-
mores. Open only to Kinesiology students
admitted to the Teacher Education program.
Application of kinesiological pedagogical principles
to golf, softball, track and field, badminton,
and volleyball.
Kinesiology—KIN

494 Fieldwork
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Approval of department. SA: PES 494
Supervised practice in teaching physical education activities, coaching sports, administering sports programs, or conducting research or service activities in kinesiology.

810 Physiology of Physical Activity
Fall. 3(3-0) SA: PES 810
Acute and chronic effects of exercise on the various body systems. Program design. Issues in exercise physiology.

811 Physiological Evaluation and Exercise Prescription
Fall. 2(0-4) P:N:M: (KIN 810 or concurrently) SA: PES 811
Techniques in evaluation of physiological capacity and in exercise prescription for various populations.

812 Cardiovascular, Respiratory, and Metabolic Responses to Exercise
Spring of even years. 3(3-0) P:N:M: (KIN 810) SA: PES 812
Acute and chronic effects of exercise on cardiovascular, respiratory, and metabolic system functions. Role of these systems in limiting exercise performance.

813 Neuromuscular and Endocrine Responses to Exercise
Spring of odd years. 3(3-0) P:N:M: (KIN 810) SA: PES 813
Acute and chronic effects of exercise on nervous, muscular, and endocrine system functions. Role of these systems in limiting exercise performance.

830 Biomechanical Analysis of Physical Activity
Fall. 3(2-2) Interdepartmental with Osteopathic Manipulative Medicine. SA: BIM 830, PES 830
Kinematic analysis of mechanical and anatomical characteristics in physical activity and sport skills.

831 Advanced Biomechanics of Physical Activity
Spring of even years. 3(2-2) Interdepartmental with Osteopathic Manipulative Medicine; Sociology; Linguistics and Languages; Music; Romance Languages. P:N:M: (KIN 830) SA: BIM 831, PES 830
Kinetic analyses of the performance of physical activity and sport.

840 Psychosocial Aspects of Physical Activity
Fall. 3(3-0) SA: PES 840
Social psychology of sport and physical activity.

841 Stress Management Techniques in Athletics
Summer. 3(3-0) RB: Course in Psychology. SA: KIN 882A

845 Sociocultural Practices in Sport
Spring of odd years. 3(3-0) SA: PES 845
Critical, conflict, and feminist theories on dominant ideologies and social practices in sport.

851 Curriculum and Instruction in Physical Activity Programs
Spring of even years. 3(3-0) P:N:M: (KIN 450) SA: PES 851
Curriculum and models in kinesiology. Integration of curriculum and instructional decision making in kinesiology.

852 Evaluation of Physical Activity Programs
Spring of odd years. 3(3-0) P:N:M: (KIN 450) SA: PES 852
Skills and knowledge necessary to design, implement, analyze, interpret, and report program evaluations in kinesiology.

853 Athletic Administration in Higher Education
Fall. 3(3-0) SA: PES 853
Administrative theory, structure, and budget. Facilities, equipment, and marketing. Legal, medical, and safety aspects.

854 Sport Law for Administrators and Coaches
Summer. 3(3-0) SA: PES 854
Legal issues in amateur athletics. Legal liability as it relates to coaches and administrators. Prevention of lawsuits through planning, policy development, and communication. Current sport legal issues.

860 Growth and Motor Behavior
Fall. 3(3-0) SA: PES 860

861 Growth, Maturation, and Physical Activity
Spring of even years. 3(3-0) P:N:M: (KIN 860) SA: PES 861

862 Motor Skill Learning
Spring. 3(3-0) P:N:M: (KIN 860) SA: PES 862

865 Curriculum and Instruction in Adapted Physical Education
Spring of odd years. 3(3-0) SA: PES 865
Design of curricula and implementation of instruction in physical education for students with disabilities.

866 Research on Sports for Athletes with Disabilities
Spring of even years. 3(3-0) SA: PES 866
Performance capabilities of athletes with disabilities. Research on areas such as exercise physiology, sport biomechanics, sport psychology, sport sociol., motor development, and motor learning.

867 Practicum in Adapted Physical Activity
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Approval of department. SA: PES 867
Supervised practice in teaching physical activities and/or coaching sports for persons with disabilities.

870 Physical Activity and Well-Being
Fall. 3(3-0) SA: PES 870
Relationship of physical activity to human well-being. Influence of growth, biological maturity, aging, body composition, nutrition, training, and rest on health and performance.

871 Research Methods in Kinesiology
Spring. 3(3-0) R: Open only to graduate students in the Department of Kinesiology. SA: PES 871
Experimental, longitudinal, survey, and qualitative research methods in kinesiology. Writing research proposals and reports. Research ethics.

882 Topics in Kinesiology (MTC)
Fall, Spring, Summer. 2 to 3 credits. A student may earn a maximum of 9 credits in all enrollments for this course. SA: PES 882
Selected topics in areas such as physiology of exercise, biomechanics, motor behavior, psychosocial aspects of activity, program design and evaluation, and athletic training.

890 Independent Study in Kinesiology
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to master's students. Approval of department. SA: PES 890
Individual study in an area of kinesiology under faculty supervision.

893 Internship in Kinesiology
Fall, Spring, Summer. 2 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in the Department of Kinesiology. SA: PES 893
Supervised internship in sports medicine, athletic administration, coaching, or education agencies. Capstone experience option in master's degree program.

894 Field Experiences in Kinesiology
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of department. SA: PES 894
Supervised graduate practicum in schools or other settings.

895 Research Ethics
Summer. 1(1-0) Interdepartmental with Teacher Education; Counseling, Educational Psychology and Special Education; Educational Administration; Music; Romance Languages. R: Open only to graduate students in the Department of Counseling, Educational Psychology and Special Education or Department of Educational Administration or Department of Kinesiology or Department of Teacher Education. SA: PES 895
Identifying and resolving ethical problems in research, including issues related to collegial interactions; authorship, publication, and reviewing practices; data management; ownership of data and intellectual property; conflicts of interest; protection of human and animal subjects; and lab safety and compliance.
897 Project in Kinesiology
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Open only to graduate students in the Department of Kinesiology. SA: PES 897

Project experience under the guidance and supervision of MSU faculty. Development of products such as technical reports, instructional media, or curriculum materials to address an educationally significant problem. Capstone experience option in master's degree program.

899 Master's Thesis Research
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P:NM: (KIN 871) SA: PES 899

Master's thesis research.

910 Current Issues in Exercise Physiology
Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Interdepartmental with Osteopathic Manipulative Medicine. P:NM: (KIN 830) SA: BIM 930, PES 930

Selected issues in exercise physiology and related fields of study.

930 Current Issues in Biomechanical Aspects of Physical Activity
Fall. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Interdepartmental with Osteopathic Manipulative Medicine. P:NM: (KIN 830) SA: BIM 930, PES 930

Selected issues of biomechanical analyses of sport and physical activity.

940 Current Issues in Psychosocial Aspects of Physical Activity
Fall. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. SA: PES 940

Selected issues in the psychology and sociology of sport and physical activity.

950 Current Issues in the Design and Evaluation of Physical Activity Programs
Fall. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. SA: PES 950

Selected issues in the design and evaluation of physical activity programs.

960 Current Issues in Motor Behavior
Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. P:NM: (KIN 860) SA: PES 960

Selected issues in motor development, motor learning, adapted physical education, and related fields of study.

999 Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 54 credits in all enrollments for this course. R: Open only to doctoral students in the Department of Kinesiology. SA: PES 999

Doctoral dissertation research.

LABOR AND INDUSTRIAL RELATIONS LIR

801 Trade Union History, Structure, and Administration
Fall, Summer. 3(3-0) R: Open only to student in the School of Labor and Industrial Relations.


809 Labor Markets
Fall, Spring. 3(3-0) P:NM: (EC 201) R: Open only to MLRHR students and students in the Interdisciplinary Ph.D. program in Social Science with a concentration in Industrial Relations and Human Resources.


811 Training and Development
Fall, Spring. 3(3-0) R: Open only to graduate students in the Labor Relations and Human Resources, Labor Relations and Human Resources-Urban Studies major, and students in the Interdisciplinary Ph.D. program in Social Science with a concentration in Industrial Relations and Human Resources.

Analyze and experience critical issues in the design and administration of employee training and development.

823 Organizational Behavior in Labor and Industrial Relations
Fall, Spring. 3(3-0) R: Open only to students in the School of Labor and Industrial Relations.

Application of behavioral science knowledge at micro- and macro- levels to enhance individual, group and organizational functioning in industrial relations settings.

824 Human Resource Strategies and Decisions
Fall, Spring. 3(3-0) R: Open only to students in the School of Labor and Industrial Relations.

Human resource planning, equal employment opportunity, staffing, training and development. Compensation and benefits. Workforce diversity and organizational development.

825 Compensation and Benefits Systems
Fall. 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.

Theory and practice relating organizational characteristics to compensation-system strategy, design, and administration. Job evaluation, pay surveys, pay structure, pay administration, group incentives, and benefits.

826 Organizational Development and Planned Change
Fall. 3(3-0) P:M: (LIR 823) R: Open only to students in the School of Labor and Industrial Relations.

Application of general systems and organizational behavior theories to the problems of organizational change and development in labor and industrial relations. Emphasis on the roles of leadership and change agents.

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.


828 Human Resource Information Systems
Fall, Spring. 3(3-0) P:NM: (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.


832 Data Sources in Labor and Industrial Relations
Fall, Spring. 3(3-0) R: Open only to students in the School of Labor and Industrial Relations.

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
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.

Review and analysis of labor relations in different nations. Comparison of industrialized market economies and industrial relations experience. Analysis of selected current comparative industrial relations problems.