KNES 505 BEHAVIOR MANAGEMENT TECHNIQUES IN THE CLASSROOM (3)
Causes of misbehavior in pre-schools, elementary and secondary schools. Crisis prevention. Preventive, supportive and directive strategies and their practical application. Class rules, reinforcers, assessment and legal issues. Prerequisites: PSYC 201 or equivalent Restrictions: Junior standing; students may not take this course if they have already taken SPED 429.

KNES 599 STRESS MANAGEMENT, TENSION CONTROL AND HUMAN PERFORMANCE (3)
Presents information about the manifestation of stress and systematic programs for tension control. The correlates surrounding progressive muscle relaxation and biofeedback are explored in detail as well as the neurological responses which produce tension responses. Lectures are combined with laboratory experiences in an effort to understand and practice relaxation techniques. Prerequisite: One psychology and/or biological sciences course.

KNES 523 ADAPTIVE PHYSICAL EDUCATION (3)
Recognition of pupils with physical deviations and use of special or modified physical education activities. Prerequisites: PHEC 311 and BIOL 221/BIOL 221L (BIOL 213) and BIOL 222/BIOL 222L (BIOL 214).

KNES 526 MOTOR DEVELOPMENT: INFANTS TO ADULTS (3)
Researching of literature in motor development and performance of the individual from infancy through adulthood. Impact of motor development on cognitive, affective and psychomotor development. Prerequisite: PSYC 201.

KNES 551 HIST AMER SPORT (3)

KNES 555 PHYSICAL ACTIVITY PROGRAMMING FOR THE OLDER ADULT (3)
Application of physiological, psychological, sociological and motor learning principles to the development, professional and personal skills related to fitness assessment, exercise prescription, physical activity program planning and implementation. Prerequisite: PSYC 203 or consent of instructor.

KNES 570 SELECTED TOPICS IN PHYSICAL EDUCATION (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 571 SEL TOPICS PHEC (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 572 SEL TOPICS PHEC (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 573 SEL TOPICS PHEC (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 574 SEL TOPICS PHEC (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 575 SEL TOPICS PHEC (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 576 SEL TOPICS PHEC (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 577 SEL TOPICS PHEC (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 578 SEL TOPICS PHEC (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 579 SEL TOPICS PHEC (1-3)
Workshop designed for study of special topics of current interest in physical education and athletics. Content varies and will focus on substantive material or operational problems. May be repeated for a maximum of 6 units. Prerequisite: Consent of workshop director and/or graduate program director.

KNES 594 TRAVEL STUDY (3)
Study of selected physical education programs, practices or facilities. Study group will be accompanied by a TU kinesiology department faculty member. Prerequisite: As specified in course outline and consent of instructor.

KNES 596 INDEPENDENT STUDY (0.5-3)
Course is designed to permit students to take courses which they cannot arrange within the regular semester schedule. All work will be under the direct supervision of an assigned faculty member. No more than 3 units may be earned in independent study unless permission of the department chairperson is obtained.

KNES 610 PSYCHOLOGICAL AND SOCIAL DETERMINANTS OF PHYSICAL ACTIVITY BEHAVIORS (3)
Practical applications of psychological and sociological issues and theories influencing physical activity behavior. Prerequisites: Admission to Graduate Program; permission of the program director.
KNES 611 SPORT PSYCHOLOGY (3)
A data-based analysis of the behavioral consequences and antecedents of the sport experience. Investigation of current research in the field with attention to the research process. Experience with a research experiment in either a laboratory or field setting. Prerequisites: 6 units of upper-division PHEC courses or consent of instructor.

KNES 612 DATA ANALYSIS IN KINESIOLOGY (3)
Review of conducting and interpreting statistical procedures as applied to kinesiology. Students will conduct analyses and interpret the results using statistical software programs. Prerequisite: Admission to KNES graduate program or approval from the department.

KNES 631 ANALYSIS OF MOVEMENT IN SPORT AND PHYSICAL ACTIVITY (3)
Analyzing movement skills and processes to improve teaching and learning of motor skills. Prerequisites: Admission to Graduate Program; permission of the program director.

KNES 642 ASSESSMENT IN PHYSICAL EDUCATION (3)
Measurement and evaluation of the psychomotor, cognitive, and affective domains for use when teaching K-12 physical education. Prerequisites: Admission to the M.S. in Kinesiology program.

KNES 648 CONCEPTS IN NUTRITION, EXERCISE, AND LIFELONG ACTIVITY (3)
Focuses on the interaction between nutrition, exercise, and lifelong activity with emphasis on current guidelines and programming for K-12 populations. Prerequisite: Admission to KNES graduate program or approval of the department.

KNES 654 CURRICULUM AND PROGRAM DEVELOPMENT IN PHYSICAL EDUCATION (3)
Critical examination of current trends and issues related to the sequencing and selection of programs and curricula to develop quality physical education programming. Prerequisites: Admission to Graduate Program or permission of instructor.

KNES 670 SELECTED TOPICS IN PHEC (1-3)
Course will focus on an in-depth study of selected topics in sport and physical education. Content will vary and will focus on current research and/or relevant sport and physical education concerns. The specific requirements will vary with each topic. Prerequisite: Approval by the graduate program director.

KNES 671 SEL TPCS IN PHEC (1-3)
Course will focus on an in-depth study of selected topics in sport and physical education. Content will vary and will focus on current research and/or relevant sport and physical education concerns. The specific requirements will vary with each topic. Prerequisite: Approval by the graduate program director.

KNES 672 SEL TPCS IN PHEC (1-3)
Course will focus on an in-depth study of selected topics in sport and physical education. Content will vary and will focus on current research and/or relevant sport and physical education concerns. The specific requirements will vary with each topic. Prerequisite: Approval by the graduate program director.

KNES 675 SOCIAL & ETHICAL ISSUES IN SPORT (3)
Exploration of the incontrovertible link among sport, commerce, and culture. Understanding sport forms as cultural and intertwined with business will be accomplished through the sociological and philosophical analysis of several sport related topics. Specific topics covered will include, but not be limited to, sport as a mediated spectacle, factors such as race, gender, and class, the negotiation of sporting spaces, and human rights. Knowledge of these social and ethical issues will be discussed in terms of its practical application to the sport industry setting. Prerequisites: None.

KNES 685 RESEARCH SEMINAR (3)
Research on a problem through consultation with designated faculty members. Prerequisites: EDUC 691, undergraduate degree in physical education and consent of graduate program director.

KNES 687 INTERNSHIP IN PHYSICAL EDUCATION (3)
Supervised field experience appropriate to student's interests and background in selected school, business, agency or professional settings. Prerequisites: Minimum of 9 units completed in graduate program, with a 3.00 G.P.A. and/or consent of department chairperson.

KNES 696 INDEPENDENT STUDY IN PHYSICAL EDUCATION (3)
Supervised study of research problems and special projects in specified areas of physical education. Prerequisites: KNES 639 or KNES 641 and consent of graduate program director.

KNES 697 DIRECTED READING IN PHYSICAL EDUCATION (3)
Extensive reading in selected areas of physical education. Prerequisites: KNES 639 or KNES 641 and consent of graduate program director.

KNES 712 RISK MANAGEMENT, LEGAL ISSUES, AND LIABILITY IN PHYSICAL EDUCATION (3)
The risks, legal, and liability issues involved in the delivery of physical education and sport content. Historical and current cases will be explored in an effort to decrease risk. Policy and risk management plans will be developed. Prerequisite: Admission to KNES graduate program or approval from the department.

KNES 723 ADAPTING PHYSICAL EDUCATION FOR ALL LEARNERS (3)
Focus on the practical applications of curricular and instructional design, behavior modification strategies, assessments, adapted equipment, and assistive technology influencing physical activity behavior of diverse learners. Prerequisites: Admission to graduate program of permission of instructor and completion of undergraduate adapted physical education course.

KNES 731 IMPROVEMENT OF TEACHER AND PROGRAM EFFECTIVENESS IN PHYSICAL EDUCATION (3)
Self-assessment of teaching, selecting authentic assessment strategies to determine the effectiveness of instruction, and reviewing research leading to best practice in physical activity instruction. Prerequisites: Admission to Graduate Program of permission of instructor.

KNES 734 RESEARCH DESIGN FOR PHYSICAL EDUCATION (3)
Introduction to and application of methods and techniques used in executing research with a particular focus on issues pertaining to the theory in practice of teaching physical education. Prerequisites: Admission to program or approval of KNES Graduate Program Director.

KNES 745 STRATEGIC SPORT MARKETING (3)
Explores sport's unique commercial aspects and their effect on market analysis and segmentation, consumer behavior, branding and positioning, promotions and sponsorship, community impact, marketing assessment, and marketing ethics. Prerequisite: MKTG640.
KNES 775 SPORT IN THE GLOBAL MARKETPLACE (3)
Using theories from a number of disciplines, students in this course will consider issues related to sport commerce in global marketplace, including: market saturation, just in time manufacturing of sporting goods, global sport branding, labor conditions in developing nations, sport in core periphery economies, international sport regulation, post industrial sporting economies, sport in the global popular, sport labor migration, sport and the culturalization of economics, global Fordism, and the challenger facing global the business of sport. Prerequisites: None.

KNES 787 KNES CAPSTONE IN PHYSICAL EDUCATION PEDAGOGY (3)
Analysis and application of theoretical knowledge and experience in contemporary best practices in the discipline of physical education including, but not limited to, methodology/instructional strategies, curriculum development, and program assessment. A substantial reflective component is required. Prerequisite: admission to graduate program; completion of all other coursework for M.S. in Kinesiology.

KNES 897 KNES THESIS (6)
Preparation and submission of thesis proposal. Proposal will be presented to a thesis committee in written and oral formats. Following approval of committee, execution of the proposed study, analysis of data, report of results, and discussion of findings / conclusions can be initiated. Prerequisite: Department Consent.

KNES 898 KNES THESIS (3)
Preparation and submission of thesis proposal. Proposal will be presented to a thesis committee in written and oral formats. Following approval of committee, execution of the proposed study, analysis of data, report of results, and discussion of findings / conclusions can be initiated. Prerequisites: Dept Consent.

KNES 899 THESIS CONTINUUM (1)
Continuation of thesis research.