KINESIOLOGY (EDKN)

EDKN 5100  Kinesiology Comprehensive Exam  1 SCH (1-0)
Culminating demonstration of Master’s level proficiency in kinesiology. Prerequisite: departmental approval. May be repeated once for credit. Credit/no credit course.

EDKN 5301  Coaching and Officiating  3 SCH (3-0)
Coaching and coaching strategies, officiating and conducting of sports and athletic programs. Prerequisite: coaching and officiating experience or 4 semester hours of undergraduate coaching and officiating techniques; program majors must have 12 advanced hours in the field.

EDKN 5303  Teach College Phys Educ  3 SCH (3-0)
The basic instructional and co-curricular program of physical education for colleges and universities.

EDKN 5305  Graduate Research Project  3 SCH (3)
Designed for project option students and requires completion of research project. Prerequisite: departmental approval. May be repeated for a maximum of 6 semester hours.

EDKN 5306  Thesis  3 SCH (3)
Designed for thesis option students. The course requires completion of thesis research. Prerequisite: departmental approval. May be repeated for maximum of 6 semester hours.

EDKN 5308  Administration of Athletics  3 SCH (3-0)
The problems, basic procedures and current practices involved in the administration of interscholastic, intercollegiate and professional athletics.

EDKN 5309  Org and Adm of Kinesiology Prg  3 SCH (3-0)
Principles, practices and applied procedures in the organization, administration and supervision of school physical education programs.

EDKN 5312  Physiology of Exercise  3 SCH (3-0)
Investigates the effects of physical exercise on the function of the human body and physiological responses to exercise that are dependent on its intensity, duration and frequency and the physiological status of the individual and environmental circumstances.

EDKN 5315  Current Issues and Trends  3 SCH (3-0)
Examines contemporary problems in kinesiology. Prerequisite: program majors must have 12 advanced hours in the field.

EDKN 5316  Hist and Philos of Sport Perfm  3 SCH (3-0)
Examines the historical and philosophical perspectives of kinesiology. Prerequisite: program majors must have 12 advanced hours of kinesiology.

EDKN 5317  Research in Kinesiology  3 SCH (3-0)
Introduction to research in kinesiology.

EDKN 5319  Psychological Aspects of KN  3 SCH (3-0)
Sport and psychological factors related to sport and exercise participation, active living, and injury rehabilitation. Topic include socialization into and through sport and exercise; feedback, reinforcement, and expectation effects; moral development; competition and competitive stress; self-perceptions; motivation; and mental skills training.

EDKN 5320  Motor Learning/Motor Control  3 SCH (3-0)
The course provides instruction in how humans control locomotion and how they learn/re-learn motor skills. Specifically, the course emphasizes the observable behavioral aspects of motor control/learning while detailing the neurophysiological and biomechanical processes that result in the aforementioned motor behaviors.

EDKN 5321  Sport and Athletic Law  3 SCH (3-0)
An examination of a variety of cases that have had a substantial impact on the legal environment of sport. As such this course takes a case study approach in addressing such topics as antitrust law, constitutional law, contract law, employment law, intellectual property law, products liability, statutory law, Title IX, and tort law.

EDKN 5322  Fitness/Nutrition/Weight Ctrl  3 SCH (3-0)
The course provides instruction in macronutrient requirements at rest and during exercise, energy balance for body composition alteration or maintenance (i.e. obesity prevention), fluid and electrolyte balance during exercise, and the vitamin/mineral concerns associated with exercise and performance. Additionally, the course will consider the preventative role of nutrition in various disease states including cardiovascular disease, degenerative bone disease, and diabetes.

EDKN 5323  Perf in Environmental Extremes  3 SCH (3-0)
The effect of heat/humidity, cold/windchill, depth, altitude, microgravity, hypergravity, and air quality on the physiology of the resting and exercising human body.

EDKN 5324  Youth Fitness and Performance  3 SCH (3-0)
Provides instruction in the history, assessment methods, trends, and current issues related to youth fitness and performance facing practitioners in health and kinesiology.

EDKN 5325  Aging and Physical Activity  3 SCH (3-0)
An examination of the physical dimensions of aging, with specific emphasis on the effects of physical activity on the process.
EDKN 5326  Sport Marketing & Technology  3 SCH (3-0)
An examination of the intersection of marketing and technology in sport business management. In addition to defining the elements of marketing, the course examines the impact of technology on the marketing of sport and the reciprocal influence of marketing upon technology.

EDKN 5327  Sport in the Modern World  3 SCH (3-0)
The impact of kinesiology and sport on society and its institutions. The course focuses on sport, physical activity, and play as social and cultural phenomenon in modern societies. Social theory will be utilized to uncover how sport as a social institution interacts with other institutions in world societies.

EDKN 5329  Applied Sprt, Ex, & Perf Psych  3 SCH (3-0)
The application of psychosocial factors related to sport and exercise participation, and performance enhancement. Topics include: goal-setting, imagery, self-talk, arousal regulation, confidence, injury, motivation, leadership, group development, and cohesion. Prerequisite: EDKN 5319.

EDKN 5333  Seminar in Selected Topics  3 SCH (0-3)
Special problems in kinesiology, recreation or athletics are identified and researched. May be repeated for credit as topics change. Prerequisite: program majors must have 12 advanced hours in the field.

EDKN 5338  Statistical Analy of Res Data  3 SCH (3-0)
The statistical analysis and interpretation of research data in health, kinesiology and recreation. Concentration is on the concepts underlying the various statistical tests.