

# Kinesiology (EDKN)

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## **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 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 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 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 5328 Sport Finance 3 SCH (3-0)**

Examines the financial and regulatory issues confronting sport managers through the analysis of the relationship between finance and the sport industry. The roles of budgeting, funding, financial systems, use of bonds, and other financial concepts in sport organizations are presented.

**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 5330 Managing Athletic Fac & Events 3 SCH (3-0)**

Overview of designs for sport of physical activity facilities for use by multiple stakeholders, principles of event management, and processes involved in even planning.

**EDKN 5331 Public Relations in Sport 3 SCH (3-0)**

Crisis management, stakeholder communications, strategic communication, social media, organizational media, and other public relations tactics are applied to sport organizations and the sport industry setting.

**EDKN 5332 Legis, Gov, & Comp in Col Athl 3 SCH (3-0)**

Overview of the different governance structures involved in intercollegiate athletics, including organizational bylaws and administrative procedures implemented by the various governing bodies involved in collegiate sport.

**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 5334 International Sport Governance 3 SCH (3-0)**

Explores the role of the IOC, international federations, national governing bodies, and national sport federations, including the discussion and comparisons of the elite sport development structures in multiple countries.

**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.