

COURSES FOR KINESIOLOGY

Kinesiology Courses

KIN500 Sociology of Sport

Hours 3

Examines the institution of sport from a sociological perspective. Provides an opportunity to critically analyze the assumptions surrounding the social significance of sport through a process of reflective thought.

KIN506 Techniques of Research

Hours 3

Designed to acquaint the student with the types of research and the methods and materials necessary for scientific inquiry. Includes the development of a research proposal, with emphasis on form and style.

KIN507 Lab Techniques in Kinesiology

Hours 3

This course covers the theoretical and practical understanding of physiological instrumentation and measurement in Kinesiology. The work includes practical laboratory experiences that are preparatory for graduate level research and other research and clinical career settings.

KIN510 Tchg & Supervg Elem PE

Hours 3

Open to elementary education and physical education majors. Reviews the essential concepts for successfully teaching grades 1-6; learning, function and duties of consultant.

KIN511 Readings in Sport Management: Trends and Issues

Hours 3

Online course. This course is designed to provide students with an opportunity to immerse themselves in the extant literature relating to trends and issues in sport and recreation management. Emphasis will be placed on approaches to proactively implement the contemporary trends.

KIN512 PE Curriculum

Hours 3

Program content and curriculum planning in grades 1-12 and higher education; includes developing curriculum plan applicable to one's need.

KIN538 Adv Adapted Phys Ed.

Hours 3

Pertinent information concerning legislation, mainstreaming, the physical education IEP, and movement problems of individuals who deviate from the norm. A clinical experience is required.

KIN551 Sport Management Internship

Hours 3

This course provides students with the opportunity to gain applied, practical experience in a suitable sport management related setting.

KIN552 Legal Issues in Sport

Hours 3

Legal Issues in Sport provides an overview of legal issues that frequently arise in the context of sport and physical activity. Emphasis will be placed on how sport managers should respond to specific situations based on the law.

KIN553 Sport Facility and Event Management

Hours 3

This course will provide students with an understanding of the factors involved in planning, designing, equipping, and managing sport facilities and event logistics.

KIN555 Sport Finance

Hours 3

An overview of the budgeting process, sources of revenue, types of expenditures, issued and innovations in financing for sport management.

KIN562 Admin Sports Programs

Hours 3

Problems and issues in organizing and administering secondary and college athletic programs.

KIN566 Evaluation in Kinesiology

Hours 3

The course covers practical aspects of measurements and evaluation as they relate to the school and college experience. A practical measurement/evaluation project is expected to be completed.

KIN585 Lab & Field Experience

Hours 3,6

Provides for teaching laboratory, internship, and/or practicum experiences, according to individual needs and goals.

KIN588 Marketing and the Media

Hours 3

This course examines the various components of sport marketing and consumer culture. Particular emphasis is given to the influence of the media in promoting sporting goods and products.

KIN590 Sports/Dance Workshop

Hours 1-6

In-depth study of physical education subject matters (gymnastics, dance, fitness, aquatics, track and field, and sports/games) focusing on content, theoretical frameworks, and educational perspectives. Students enroll in 1-credit-hour workshops according to individual needs and certification requirements.

KIN592 Physiology of Exercise

Hours 3

Designed to be an overview of the human physiological response to exercise.

KIN593 Advanced Fitness Testing and Exercise Prescription

Hours 3

Explores advanced fitness testing and exercise prescription techniques using practical experiences.

KIN595 Workshop Physical Education

Hours 1-6

This course is designed to help students improve their ability to teach elementary, secondary, and/or college physical education and understand theory and research as it is applied in each setting.

KIN596 Independent Study

SP

Hours 1-3

Designed to provide the opportunity for independent study in a specific area of Kinesiology.

Special Topics Course

KIN598 Non-Thesis Research

Hours 3

Experimental or analytical investigation of problems in Kinesiology.

KIN599 Thesis Research

Hours 1-6

This independent research course partially fulfills required master's-level research thesis hours toward the master's degree in Kinesiology. The course is conducted under the guidance of the thesis advisor. Material covered will be of an advanced nature and aimed at providing master's students with an understanding of the latest research and current developments within the field. Discussion and advisor guidance will be directed towards readings of research articles and development of research methodology, with the goal of producing an original research contribution that represents a novel development in the field, or a novel perspective on a pre-existing topic in the field.

KIN602 Readings in Kinesiology

SP

Hours 3

An independent readings course for doctoral students.

Special Topics Course

KIN603 Special Projects in Kinesiology

Hours 3

Experimental and analytical investigations of problems in Kinesiology, arranged on an independent basis for doctoral students.

KIN604 Sem in Physical Education

Hours 3

Critical issues in athletics, curriculum, instruction, evaluation, research, fitness, individual differences, and financial support.

KIN612 Res Phys Ed Teach Education

Hours 3

An examination of the development, design, and application of research in physical education/teacher education.

KIN615 Organizational Behavior & Theory Development in Sport

Hours 3

The purpose of this course is to introduce the student to critical areas of sport management and the theories associated with organizational behavior and theory development.

KIN622 Analy Res Teach Phys Ed

Hours 3

A thorough analysis of published research on teaching in physical education.

KIN632 System Observ Phys Educ

Hours 3

An examination of analytical techniques used to collect and evaluate data related to teacher and student behaviors. Instruction in the development and use of systematic observation instruments is provided.

KIN642 Instrct Design PE High Ed

Hours 3

An examination of methods, applications, and current research related to instructional design.

KIN651 Integrative Systems Physiology I

Hours 3

This course will focus on the detailed physiological processes that occur in the major systems of the human body. The course will cover content related to cell physiology, fluid physiology, skeletal muscle physiology, cardiac physiology and function, nervous system physiology, and circulatory physiology.

KIN652 Integrative Systems Physiology II

Hours 3

This course will focus on the detailed physiological processes that occur in the major systems of the human body. The content of the course will cover acid/base and renal physiology, gastrointestinal physiology, pulmonary physiology and neural regulation, physiology of hematopoiesis and immunology, endocrine physiology, and metabolic regulation.

KIN670 Biochemical and Molecular Aspects of Exercise

Hours 3

This course focuses on the biochemical and molecular changes resulting from acute and chronic exercise training. Primary areas emphasized include metabolism, DNA/RNA, and cell signaling mechanisms.

KIN685 Field & Lab Experience

Hours 3

Arranged on an independent basis for doctoral students. Participation and research in schools and agencies.

KIN690 Exercise Health Disease

Hours 3

Designed to acquaint the student with the health benefits of regular physical activity and exercise. The most recent research literature is critically analyzed.

KIN691 Res Sociology Human Perf

Hours 3

Provides students with an in-depth understanding of the literature on the occupational socialization of physical education teachers.

KIN692 Sem Exercise Physiology

Hours 3

Provides an opportunity to study in depth the scientific literature related to various exercise physiology topics. May be taken more than once.

KIN698 Non-Dissertn Research

Hours 3

Experimental or analytical investigation of problems in kinesiology.

KIN699 Dissertation Research

Hours 1-15

This independent research course partially fulfills required doctoral level research dissertation hours towards the PhD in Kinesiology. The course is conducted under the guidance of the dissertation advisor. Material covered will be of an advanced nature aimed at providing doctoral students with an understanding of the latest research and current developments within the field. Discussion and advisor guidance will be directed towards readings of research articles and development of research methodology, with the aim of producing an original research contribution that represents a novel development in the field, or a novel perspective on a pre-existing topic in the field.