

# KIN-Kinesiology

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## **KIN 500. Organization & Admin of PE. 3 Hours.**

This course is designed to provide the student with opportunities to increase their knowledge of problems and issues involved in the organization and administration of physical education programs in elementary and secondary schools.

## **KIN 508. Adapted Physical Education. 3 Hours.**

This methods course provides knowledge and skills for assessing, interpreting, programming, and instructing K-12 students with disabilities in physical education. Topics include the law, inclusion, IEP writing, differentiation, modifications, instructional delivery, and generalities of specific disabilities. The course will engage students through lecture, peer teaching, and problem-based learning activities. Best practices teaching children with disabilities will be applied through clinical experiences in select schools.

## **KIN 509. Assessment in Physical Education. 3 Hours.**

This course emphasizes the development, implementation, and analysis of assessments within K-12 physical education programs, including assessment of the cognitive, physical, and psychomotor domains including program assessment.

## **KIN 511. Elementary School Physical Education. 3 Hours.**

This course will include the nature and content of a developmentally appropriate elementary physical education program.

## **KIN 520. Fitness and Motor Skill Acquisition. 3 Hours.**

This course will enable candidates to acquire the knowledge and the skills necessary to analyze and appropriately teach motor skills and design developmentally appropriate fitness activities for middle school students.

## **KIN 520L. Sport Skill Proficiency. 1 Hour.**

This course will enable candidates to acquire the knowledge and the skills necessary to teach the critical elements needed to perform all basic sport skills. Candidates will demonstrate skill proficiency in the sport skills as well as the ability to teach others to perform the skills.

## **KIN 523. Techniques of Teaching Fitness and Nutrition in Schools. 3 Hours.**

This course will enable candidates to learn techniques and strategies for teaching fitness and nutrition in physical education programs.

## **KIN 585. Advanced Exercise Testing and Prescription. 3 Hours.**

This course studies participant screening, risk stratification, and exercise assessment/testing and prescription for apparently healthy, special and diseased populations.

## **KIN 589. Physical Education Instructional Strategies. 6 Hours.**

This course will focus on information to help potential physical educators attain teaching skills and knowledge necessary to design, implement and evaluate developmentally appropriate K-12 physical education programs. Students will gain hands-on teaching experience with students in school settings.

## **KIN 601. Introduction to Sports Administration. 3 Hours.**

This course will explore the field of sport administration. Students will learn about the many skills needed to be an effective administrator.

## **KIN 607. Principles of Coaching. 3 Hours.**

This course will explore the principles of coaching regarding sport psychology, sport pedagogy, sport physiology, and sport management.

## **KIN 615. Sport Facility Planning. 3 Hours.**

Principles of planning and managing sport facilities and events.

## **KIN 618. The Olympic Games. 3 Hours.**

The Olympic Games will be investigated through a brief analysis of the history of the Ancient Olympic Games, an in-depth analysis of the Modern Olympic Games and the development of their global social, economic, political and cultural significance.

## **KIN 623. Philosophical Perspectives in Sport Administration. 3 Hours.**

This course will address conceptual skills of an administrator beyond management skills, including addressing current trends and issues in education, physical education and athletics.

**Prerequisites:** EPR 692 [Min Grade: C]

## **KIN 630. Mechanical Analysis of Motor Skills. 3 Hours.**

Analysis of motor skills in children, youth, and adults.

## **KIN 631. Foundations of Physical Education. 3 Hours.**

Basic foundations of physical education in the school setting.

## **KIN 632. Supervision of Physical Education. 3 Hours.**

Principles of supervising and maintaining a physical education program.

## **KIN 635. Principles of Management in Sports. 3 Hours.**

This course is designed to give students an overview of the duties, responsibilities and problems facing athletic administrators in today's sports-conscious society.

## **KIN 636. Current Readings in Physical Education. 3 Hours.**

This course is designed to assist the student in locating, analyzing, and synthesizing professional literature relative to current trends, issues and research in physical education.

## **KIN 637. Physiology of Exercise I. 3 Hours.**

Advanced study of energy metabolism and cardiovascular, respiratory and skeletal muscle physiology during exercise.

## **KIN 638. Physiology of Exercise II. 3 Hours.**

Advanced instruction on human physiological responses to exercise and exercise training, altitude and climate, and spaceflight.

## **KIN 639. Exercise Prescription for High Risk Populations. 3 Hours.**

Advanced exercise prescription for special populations including cardiovascular disease, obesity, diabetes, cancer and other chronic disease conditions.

## **KIN 640. Advanced Techniques in Conditioning the Athlete. 3 Hours.**

Advanced endurance, resistance, and flexibility training for conditioning the athlete.

## **KIN 641. Advanced Planning/Management of Fitness Facilities. 3 Hours.**

Advanced knowledge and skills needed for successful management, marketing, operational leadership, evaluation, and planning principles of commercial, corporate, clinical, and community health/fitness facilities.

## **KIN 642. Practicum in Physiology. 3 Hours.**

Pre-thesis research.

**Prerequisites:** (KIN 637 [Min Grade: C] or PE 637 [Min Grade: C]) and (KIN 638 [Min Grade: C] or PE 638 [Min Grade: C])

## **KIN 643. Curriculum Development in Physical Education. 3 Hours.**

This course focuses on the development of curricula in physical education grades K-12. Principles of curriculum development, existing curriculum models and current trends and contemporary issues related to curriculum development are covered.

**KIN 644. Application of Exercise Physiology to Fitness and Performance. 3 Hours.**

Students in this course will learn the scientific principles that underlie exercise physiology. In this course you will learn about exercise tests to evaluate fitness, and exercise training to promote performance and health, and disease prevention throughout the lifespan.

**KIN 645. Advanced Motor Development. 3 Hours.**

The purpose of this course is to provide graduate students the opportunity to develop skill and knowledge related to lifespan motor development. Through online discussion, readings, and laboratory activities, students will be exposed to information regarding physical growth, maturation, and aging; motor skill acquisition from infancy through adulthood; perceptual-motor development; physiological changes and exercise over the lifespan; and sociocultural influences on motor development.

**KIN 647. Teaching Strategies and Issues in K-12 PE. 3 Hours.**

This course is designed to update graduate students who are currently teaching physical education or seeking initial certification regarding new teaching strategies and methodologies as well as current state and national issues affecting K-12 physical education programs.

**KIN 649. Advanced Adapted Physical Education. 3 Hours.**

This course prepares students to make informed decisions about curriculum and instructional strategies for students with disabilities in physical education settings.

**KIN 650. Social Aspects of Sport. 3 Hours.**

This course is designed to study sport from a sociological perspective. The course will explore the importance of sports in people's lives and the sports connection with culture and society.

**KIN 651. Issues and Problems in Coaching. 3 Hours.**

This course is designed to allow the students to approach issues and problems from a practical perspective, particularly related to legal duties.

**KIN 652. Measurement and Evaluation of Athletes. 3 Hours.**

This course is primarily designed to help athletic coaches locate, select, and construct quality sport skill tests. Additional attention will be given to body composition, fitness, and psychological assessment of athletes. Students will review reasons why coaches should measure and evaluate athletes, and survey sound testing procedures.

**KIN 653. Plan/Conduct Act Prog for Indiv with Disabilities. 3 Hours.**

The purpose of this course is to provide students with knowledge and skills needed to meet the unique fitness and physical activity needs of individuals with various disabilities. Through class discussions and course assignments, students will learn to design and implement personal training/fitness programs and disability sports/recreation programs for individuals with disabilities based on assessments of health related strengths and needs.

**KIN 655. Motor Learning. 3 Hours.**

Principles of teaching and learning motor skills.

**KIN 656. Advanced Sport Psychology. 3 Hours.**

Psychological principles of sports.

**KIN 663. Adventure-Based Counseling. 3 Hours.**

Improvement of self-concept and social life skills through physical, spiritual, emotional, and mental development in creative activity outdoors. Natural environment used as a learning laboratory for leadership, teamwork, problem solving, decision-making, conflict resolution, and physical fitness.

**KIN 664. Challenge Crse Fund II. 3 Hours.**

This course continues introduces students to the background, philosophy, ethical issues, and risk management required to high ropes facilitation. Introduces students to a variety of high challenge course initiatives used for learning and problem solving, trust team building, and self-confidence and communication skills. How to present high challenge courses initiatives to diverse groups will be emphasized. Specific attention will be given to addressing learners of different ages and varying abilities. Additionally, an overview will be given of how counseling and ropes courses experiences can be integrated.

**KIN 665. Adventure Processing and Facilitation. 3 Hours.**

This course provides the skills necessary for facilitating a variety of client groups educational, recreational, corporate, and therapeutic indoor experience programs. The curriculum includes the Experiential Learning Cycle, stages of group development, leading group discussion, active listening, frontloading, de-briefing, use of metaphors and transfer of learning. Activities are used to facilitate leadership, teamwork, problem solving, decision-making and conflict resolution. This knowledge will enhance students' ability to adapt their program to various groups. How to facilitate and lead group discussion with diverse groups will be emphasized.

**KIN 666. Organization and Administration of Adventure Education. 3 Hours.**

Students will synthesize their experience in adventure leadership, instruction and programming to explore the details of managing an adventure program. Topics include risk management for the administrator, operations and file management, legal issues, accreditation standards, staff recruitment, hiring and training, marketing, fiscal management. Special attention will be given to managing an universally designed challenge course.

**KIN 672. Advanced Treatment of Athletic Injuries. 3 Hours.**

Advanced treatment of athletic injuries.

**KIN 674. Advanced Sports Nutrition. 3 Hours.**

Advanced exploration of nutrient absorption, digestion and metabolism in the athlete prior to, during and following training and athletic competition.

**KIN 690. Seminar in Sports Administration. 1-3 Hour.**

Overview of administration of sports programs.

**KIN 693. Advanced Field Experience in Physical Education. 3-6 Hours.**

Field Experience in Physical Education applying the National Board for Professional Teaching Standards.

**KIN 694. Special Projects in Kinesiology. 1-6 Hour.**

Special topics course in kinesiology.

**KIN 695. Problems in Physical Education. 3-6 Hours.**

Development of a project that addresses a current problem in Physical Education with a researched solution.

**KIN 696. Elementary/Secondary Physical Education Internship. 9 Hours.**

Student teaching provides an opportunity for physical education teacher education candidates to synthesize and apply all knowledge and skills acquired during previous coursework. Interns teach for 15 weeks at two levels, elementary and either middle or high school. The candidates must pass edTPA assessments to receive teacher certification.

**KIN 697. Advanced Field Experience in Kinesiology. 1-6 Hour.**

Culminating field experience in Kinesiology.

**KIN 698. Coaching Internship (Individual Sport). 1-3 Hour.**

Culminating internship in coaching.

**KIN 699. Thesis Research. 1-6 Hour.**

Kinesiology Thesis Research.

**Prerequisites:** KIN 642 [Min Grade: C]

**KIN 710. Special Topics in Physical Education. 3 Hours.**

Special topics course in physical education.

**KIN 715. Advanced Field Experience in Physical Education. 3-6 Hours.**

Within your current teaching environment, demonstrate your teaching practice of the National Board for Professional Teaching Standards.

**KIN 718. Practicum in Exercise Physiology. 3 Hours.**

Practicum in Exercise Physiology.

**KIN 720. Research Design and Methodology. 3 Hours.**

Research and design methods in kinesiology.

**Prerequisites:** EPR 692 [Min Grade: C]

**KIN 726. Supervised Research in Physical Education. 3-6 Hours.**

Completion of research project in the field of physical education.

**KIN 728. EdS Thesis Research. 3-6 Hours.**

Completion of indepth research in the field of kinesiology.

**KIN 729. Physical Education Seminar. 3 Hours.**

This course involves the development of thesis or research project presentation.