

# KINESIOLOGY (HPE)

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## HPE 500 Foundations of Health and Physical Education (3)

Designed to inform the physical education teacher and others about the foundation of physical education and sports. Emphasis will be on philosophy, objectives, movement, history, fitness, and the psychological and sociological foundations.

## HPE 502 Sociology of Sport (3)

Analysis and study of human behavior patterns as they relate to participation in sports and games.

## HPE 503 Sport History (3)

Development of sport in the U.S. and other countries.

## HPE 506 Methods of Teaching PE, P-5 (3)

Prerequisite(s): Teacher Education Program eligibility.

Corequisite(s): HPE 507, HPE 551, and HPE 562.

Effective teaching practices and implementation of developmentally appropriate K-5 physical education instruction are taught.

## HPE 507 Methods of Teaching PE, 6-12 (3)

Prerequisite(s): Teacher Education Program eligibility.

Corequisite(s): HPE 506, HPE 551, and HPE 562.

Methods and techniques of teaching 6-12 physical education are taught.

## HPE 508 Research in Wellness and Sport Studies (3)

The purpose of this course is to provide the foundation for the interpretation and conceptualization of research in HPER. This course will provide instruction on the variety of research methodologies and strategies and how to incorporate such strategies into personal research goals. Replaces EFD 500, Research in Education.

## HPE 510 Health and Physical Education Curriculum (3)

This advanced online course examines the underlying philosophies and foundations of the physical education curriculum in the educational setting. Replaces EFD 502, Curriculum Development.

## HPE 511 Practicum in PE, P-12 (3)

Prerequisite(s): Teacher Education Program eligibility.

Corequisite(s): HPE 506, 507, 551, and 562.

This is a field experience course specific to the application of methods and materials for P-12 physical education.

## HPE 512 Physical Education Methods I (3)

Prerequisite(s): Teacher Education Program eligibility.

An advanced study of the developmental approach to teaching elementary physical education in the schools. Beginning movement concepts and fundamental motor skills are discussed in relation to developmentally appropriate physical education including educational dance, educational gymnastics, games and fitness activities. Students will continue to study the theories and research that serve as the foundation for student learning in quality physical education programs. Particular attention is given to planning and management.

## HPE 513 Physical Education Methods II (3)

Prerequisite(s): Teacher Education Program eligibility.

An advanced study of the developmental approach to teaching physical education in the schools. Beginning and intermediate sport specific skill concepts and positive physical activity dispositions in relation to developmentally appropriate secondary physical education including sport, recreation and leisure activities, and fitness activities. Students will continue to study the theories and research that serve as the foundation for student learning in quality physical education programs. Special attention is given to curriculum and assessment.

## HPE 515 Assessment in Health and Physical Education (3)

Advanced study of assessment techniques and tools with an emphasis on assessment in school based physical education settings.

## HPE 520 Best Practices in PE (3)

This advanced on-line course examines techniques and methodologies that have been shown to reliably produce desired outcomes in physical education.

## HPE 525 Issues and Trends in Athletics (3)

This course examines issues and trends encountered by secondary and collegiate coaches in the administration of sport programs. The concepts will be explored from a theoretical and applied perspective. Also examines possible courses of action to meet such issues and trends that occur in athletics. Includes in-depth study and problem solving approaches. This course may only be taken at the undergraduate level upon approval for participation in the Faster Master's program.

## HPE 527 Compliance in Athletics (3)

This course focuses on the structure and operations of interscholastic and intercollegiate athletic governing bodies. The class will discuss the role compliance serves in the management of athletic administration and how rules and regulations impact practices and procedures of athletic administration.

## HPE 530 Physiology of Exercise (3)

Experiences in physiology of muscular activity and application of these to physical education, training, and health.

## HPE 531 Clinical Cardiopulmonary Physiology (3)

Advanced course in clinical exercise physiology. Study of the anatomy, physiology, and pathophysiology of the cardiac, vascular and pulmonary systems.

## HPE 535 Skill Analysis (3)

Basic skills involved in several individual and team sports; special attention will be given to body movement.

## HPE 537 Diversity Issues and Trends in Wellness and Sport Studies (3)

Examination of current trends and issues in HPE with an emphasis on multicultural education through a focus on best practices for promotion of a physically active lifestyle. Special attention will be given to the role of race, gender, and language barriers in a physical education, wellness, and sport studies settings. The course includes best practices for effectively teaching all students in the 21st century. Students will also explore the use of technology and/or ways to promote physical activity in a variety of settings.

## HPE 539 Diet and Performance (3)

Study of the basic nutrients and different types of diets, and their effects on health related and sports related fitness.

## HPE 540 Law and Ethics in Wellness and Sports Studies (3)

This course will investigate legal implications of those involved with physical education, recreation, and athletic programs. This course may only be taken at the undergraduate level upon approval for participation in the Faster Master's program.

## HPE 545 Stress Management (3)

This course is intended to help the HPE teacher develop knowledge and skills relative to stress management. Emphasis is placed on stress responses and relaxation technique strategies.

**HPE 551 Tests and Measurements in PE (3)**

Prerequisite(s): Teacher Education Program eligibility.

Corequisite(s): HPE 506, HPE 507, and HPE 562.

Techniques of test evaluation, administration, and interpretations. Emphasis on physical fitness, body mechanics, sports skills, and knowledge tests.

**HPE 553 Applied Exercise Physiology I (3)**

The purpose of this course is to review undergraduate exercise physiology and provide the knowledge for a student to understand, plan, and implement exercise programs for health, fitness and human performance.

**HPE 554 Applied Exercise Physiology II (3)**

The purpose of this course is to provide the knowledge for a student to understand, plan, and implement advanced training programs for maximizing fitness and human performance.

**HPE 555 Advanced Anaerobic Physiology (3)**

Effectiveness of different training methods on the performance of the anaerobic athlete.

**HPE 556 Advanced Aerobic Physiology (3)**

Exercise physiology examines the physiological responses of the human body to acute and chronic physical activity. This course will provide a more in-depth study of aerobic metabolism, energy balance, and muscle structure and function.

**HPE 560 Readings in HPE (3)**

Identification and analysis of current issues and trends; recent developments in physical education, curriculum, and practices in physical education.

**HPE 562 Physical Education Program (3)**

Prerequisite(s): Teacher Education Program eligibility.

Corequisite(s): HPE 506, HPE 507, and HPE 551.

The study of curriculum, teaching methods, skills, and the organization and administration of PE programs. Ten hour practicum required.

**HPE 563 Sport Finance (3)**

Concepts, principles, and application associated with finance in the sport and physical activity contexts. The course covers a variety of topics ranging from basic financial concepts to taxation and cash management.

**HPE 564 Human Resources Management in Sport (3)**

Concepts, principles, and application associated with human resources management in the sport and physical activity contexts. A variety of topics ranging from performance appraisal strategies to job design.

**HPE 566 Public and Media Relations in Sport (3)**

Concepts, principles, and application associated with public and media relations issues in the sport and physical activity contexts. A variety of topics ranging from the process of sport information to the sport broadcast media.

**HPE 567 Sport Facility Administration and Design (3)**

Concepts, principles, and application associated with the planning, designing, and managing a sport facility. A variety of topics ranging from maintenance and security operations to sport facility design principles.

**HPE 568 Administration of Athletics (3)**

Place of interscholastic athletics in the program, organization and administration of program, budget, equipment, facilities, public relations, and legal liability.

**HPE 575 Physical Fitness and Wellness (3)**

Research evidence of relationships of physical exercise to the following: longevity, weight control, cardiovascular disease, low back pain, mental health, and aging.

**HPE 576 Sport Marketing (3)**

Introduction to the principles and application of marketing theory to the sport industry. Covers wide range of sport marketing related topics including promotion and media relations in sport businesses, licensing and sponsorship of sport products, and the marketing mix strategies for sport organizations. Students will gain valuable insight into theory and practice of sport marketing strategies for a diverse range of sport related organizations. This course may only be taken at the undergraduate level upon approval for participation in the Faster Master's program.

**HPE 578 Research in Wellness and Sports Studies (3)**

The purpose of this course is to provide the foundation for the interpretation and conceptualization of research in HPER. This course will provide instruction on the variety of research methodologies and strategies and how to incorporate such strategies into personal research goals.

**HPE 580 Adapted Physical Education (3)**

Comprehensive study to develop ability to deal successfully with handicapped children, youth, and adults in a variety of settings.

**HPE 581 Advanced Practicum in Special Physical Education (3)**

Supervised field experience in applying skills, knowledge, and concepts in special physical education; supervised work with the handicapped.

**HPE 582 Research Seminar in Special Physical Education (3)**

Critical analysis and evaluation of current research and practical application in the field of special physical education.

**HPE 583 Perceptual Motor Development (3)**

Development of perceptual-motor skills through physical activities; including locomotor skills, laterality and direction ability; investigations of theories, programs, activities, and evaluation.

**HPE 585 Physical Activity and the Aging Process (3)**

Examination of scientific evidence concerning the relationship between physical activity level and physical, mental, and social-psychological well-being during aging.

**HPE 586 Sport Promotion and Event Planning (3)**

Concepts, principles, and application associated with planning and promoting sporting events. Topics range from developing an event budget to attracting sponsors to a sporting event.

**HPE 588 Graduate Internship in PE, P-12 (3)**

Prerequisite(s): Admission to Alternative Fifth-Year Teacher Certification Program and EPY 429G. Student teaching in grades P-12 under the supervision of a cooperating teacher and a university supervisor; full-time assignment for a minimum of 15 weeks which includes at least 450 clock hours in a public school.

Scheduled at end of program. Fall and Spring only. (Grade: Pass/Fail).

**HPE 590 Directed Studies in Wellness and Sports Studies (3)**

Prerequisite(s): Approval of instructor and approval of the department head.

(3) (3). Students will collaborate with a faculty member to complete a specific research/literature review project. May be repeated once for a total of six (6) credit hours.

**HPE 591 Internship in Sport Management (3)**

The sport management internship is designed to provide students with practical experience under the supervision of an athletic administrator in a secondary school setting.

**HPE 592 Internship in Sport Marketing and Administration (3)**

Provides students with practical experience under the supervision of a sport management practitioner. This mutually beneficial relationship enhances the student's job marketability in the field of sport management by providing the student with professional experience.

**HPE 596 Independent Study in HPE (1)****HPE 597 Independent Study in HPE (2)****HPE 598 Independent Study in HPE (3)**

Prerequisite(s): Approval of the instructor and approval of the department head.

Opportunity to explore in detail an area or issue in HPE. May be duplicated for credit for a total of 6 semester hours.