PHED 5100 Motor Development (2 credits)
An introduction to motor development and related motor theories. Application
of these basic motor principles to the teaching of physical education and activity
at all levels.

PHED 5110 Motor Learning (2 credits)
An introductory class in motor control and learning that gives an overview of the
processes and mechanisms involved in generating, acquiring, and refining motor
skills and of factors that foster or hinder the acquisition and refinement of these
skills.

PHED 5120 Psychology of Sport (2 credits)
Study of the general relationship between individuals and sports behavior. Covers
competitiveness, goal setting, peak performance, psychosocial influences, and
rehabilitation. Also includes guides to show how teaching and learning may be
applied to the coaching of sport and to bring out the relationship of meaningful
learning to successful athletic coaching.

PHED 5160 Advanced Fitness Assessment and Prescription--Aerobic (3 credits)
Theory and practice of physical fitness assessment for the purpose of prescribing
aerobic exercise to adults, both healthy populations and those with special
conditions, such as obesity, diabetes, osteoporosis, asthma, hypertension, and
heart disease. Prepares students for American College of Sports Medicine
(ACSM) Health Fitness Specialist exam as well as other personal trainer
certifications. Prerequisite: PHED 5300 or consent of instructor.

PHED 5170 Advanced Principles for Strength and Speed Training (3 credits)
Theory and practice of strength and speed training with emphasis on technique
analysis and instructional methods for strength training. Includes facility design
and equipment purchasing and maintenance. Prepares students for National
Strength and Conditioning Association Certified Strength and Conditioning
Specialist (CSCS). Prerequisite: PHED 5300 or consent of instructor.

PHED 5190 Athletic Training (2 credits)
A lecture course with laboratory activity introducing the five practice domains
of athletic training that include: prevention, recognition and evaluation, rehabilitation, reconditioning of athletic injuries, administration and
professional development. Other topics include the theory and practice of
athletic taping and risk management.

PHED 5200 Introduction to Sport Biomechanics (3 credits)
Introduction to biomechanical concepts and principles. Application of these
principles to evaluating and improving performance in physical activities.
Introduction to methods for qualitative movement analysis.

PHED 5209 Sport Finance (3 credits)
This course will provide the student an understanding of theories and concepts
used in financial resource management for the operation of programs in both
public and private sectors of sport. Topics include ethical concerns, decision
making, principles of budgeting, budget development, financial statements,
spread sheet utilization, and sources of revenue for financing sport.

PHED 5219 Sport Economics (2 credits)
This course provides the an understanding of theories and concepts related to
economics of sport. Topics covered include economic growth of the sport
industry, concepts of competitive strategy, economic impact principles,
economic theory applied to various levels of sport, labor relations, stadium and
arenas, venues and events, manufacturing and service industries, and impact of
media.
PHED 5516 The DAPE Professional (3 credits)
Third in a series of three courses, The DAPE Professional: provides students with opportunities to combine content, theory and research with practical experiences in DAPE programming and teaching strategies. This capstone course allows students to cultivate and maintain positive, collaborative relationships with students, families, and other professional, and the community to support student development and educational process. This course includes 20 hours of required field experience. Prerequisites: SPED 5600, SPED 5650, SPED 5655; PHED 5514, PHED 5515

PHED 5519 Sport Facility Management (2 credits)
This course provides an understanding of sport facility management, facility planning, site and design development, systems and operations, and facility administration.

PHED 5600 Sport Marketing (3 credits)
Study of fundamental marketing principles utilized in sport. Topics include definitions, marketing planning process, goals and objectives of marketing, marketing mix, segmentation, target markets, consumer behavior, sponsorship, endorsement, merchandising, fundraising, print media and mass communication.

PHED 5604 Teaching Team Sports (2 credits)
Activities and teaching methods for team sport activities included in current physical education programs at all levels. Prerequisite: Entrance into teacher education program or consent of instructor.

PHED 5605 Teaching Individual Sports (2 credits)
Methods of teaching and the practice of the skills such as tennis, golf, pickleball, archery, badminton, bowling, and racquetball are the focus. Development of lesson plans, unit plans and application of the teaching methods is emphasized. Prerequisite: Entrance into teacher education program or consent of instructor.

PHED 5607 Teaching Fitness (2 credits)
Methods of teaching and the practice in the development of physical fitness. Development of the health related fitness components of strength, cardiovascular endurance, muscular endurance and flexibility with activities such as cross country skiing, exercise walking, orienteering, cycling, yoga and weight training are emphasized.

PHED 6109 Sociology of Sport (3 credits)
Study of the general relationship between sport and society including: (1) the ways sport is linked to other spheres of social life; (2) the organization and behavior patterns that exist within sport settings; (3) the cultural, structural, and situational factors affecting sport and sport experiences; and (4) the social processes related to democratization, collective behavior, and social change.

PHED 6200 Applied Physiology and Nutrition (3 credits)
An examination of current conditioning and nutritional practices in sport. Emphasis will be on research related to these practices, as well as developing skills and methods for assessing performance and the effects of conditioning.

PHED 6300 Advanced Principles of Coaching and Administration (3 credits)
A study of advanced principles and administrative duties of coaching. Practical applications of these will include the use of technology and problem solving in case studies.

PHED 6400 Advanced Movement Analysis (3 credits)
A study of the mechanical principles applied to the analysis of human movement including data gathering techniques and interpretations of selected research studies. Lecture and laboratory experiences provided.

PHED 6991 Thesis Topic (1 credit)
Students develop a research question(s) to be used for their thesis proposal. Course content includes methods and practice in literature searches.

PHED 6992 Thesis Proposal Seminar (1 credit)
An extension of PHED 6991, this course has the objective of taking the advisor-approved topic and problem statement and developing a thesis proposal worthy of acceptance by the PEHS graduate faculty. This includes the completion of the first three chapters of the student’s thesis.

All-University Courses

The course numbers listed below, not always included in the semester class schedule, may be registered for by consent of the advisor, instructor, or department chair, or may be assigned by the department when warranted. Individual registration requires previous arrangement by the student and the completion of any required form or planning outline as well as any prerequisites.

1910, 2910, 3910, 4910 DIRECTED INDEPENDENT STUDY
1920, 2920, 3920, 4920 DIRECTED GROUP STUDY
1930, 2930, 3930, 4930 EXPERIMENTAL COURSE
1940, 2940, 3940, 4940 IN-SERVICE COURSE
1950, 2950, 3950, 4950 WORKSHOP, INSTITUTE, TOUR
1960, 2960, 3960, 4960 SPECIAL PURPOSE INSTRUCTION
1970, 2970, 3970, 4970 INTERNSHIP
1980, 2980, 3980, 4980 RESEARCH
1990, 2990, 3990, 4990 THESIS