DEPARTMENT OF KINESIOLOGY AND SPORT SCIENCES

College of Education
Nita Unruh, Ed.D., Chair
Todd Bartee, Graduate Program Committee Chair

Master of Arts in Education
- Physical Education Exercise Science (http://catalog.unk.edu/graduate/departments/kinesiology-sport-sciences/physical-education-exercise-science-mae) - Master of Arts in Education Degree
- General Physical Education (http://catalog.unk.edu/graduate/departments/kinesiology-sport-sciences/general-physical-education-mae) - Master of Arts in Education Degree
  - Sports Administration Specialization
  - Recreation and Leisure Specialization
- Physical Education Master Teacher (http://catalog.unk.edu/graduate/departments/kinesiology-sport-sciences/physical-education-master-teacher-mae) - Master of Arts in Education Degree
  - Pedagogy Emphasis (http://catalog.unk.edu/graduate/departments/kinesiology-sport-sciences/physical-education-master-teacher-mae/#requirementstext)
  - Special Populations Emphasis (http://catalog.unk.edu/graduate/departments/kinesiology-sport-sciences/physical-education-master-teacher-mae/#requirementstext)

Graduate Faculty
Professor: Gregory Brown, Kate Heelan, Marta Moorman, Ed Scantling, Nita Unruh, Scott Unruh
Associate Professor: Megan Adkins
Assistant Professor: Bryce Abbey, Kazuma Akehi, Todd Bartee, Matthew Bice

Graduate Program Committee
Bartee (Chair), Abbey, Adkins, Akehi, Bice, Brown, Heelan, Moorman, N. Unruh, S. Unruh

Physical Education (PE)
PE 800 – Philosophy of PE, Sports, Recreation and Leisure 3 credit hours
Presents historical backgrounds and philosophic bases from which contemporary physical education, recreation, sports and leisure has evolved.

PE 801P – Psychology of Sport 3 credit hours
Study of psychological principles and theories as applied to physical education and athletics. Motor learning, motivation, personality, roles of participants, coaches and spectators will be among topics discussed.

PE 802P – Sociology of Sports Activities 3 credit hours
The impact of sports and recreation on society, community and the individual, and the impact of these institutions on sports.

PE 803P – Financing Sport 3 credit hours
Techniques in the application of financing sport including budgeting and grantwriting.

PE 806 – Seminar: Physical Education 1-3 credit hours
Philosophes of physical education, current issues and trends, and methods of dealing with problems in the field. The course will deal with all levels from elementary school through college and graduate study. Total Credits Allowed: 3.00

PE 807P – Compliance & Governance in Sport 3 credit hours
This course is designed to give sports management students understanding and background in compliance and its relationship to amateurism, gender equity, fair competition, and the legislative process within the sport governance structure. This course will provide an understanding of the principles, applications and techniques of formulating policy, rules interpretations, and enforcement.

PE 819P – Pathology of Sports Injury 1 credit hour
This course is intended to provide and develop fundamental knowledge related to clinical pathology in sports related injury. Primary emphasis will be placed upon the orthopedic aspects of injury and/or pathology related to each tissue structure such as bone, ligament, tendon, muscle, and nerve. Various properties of tissue structures and tissue response will also be analyzed.
Prerequisite: PE 310 or equivalent courses

PE 820 – General Medical Conditions in Sport and Exercise 2 credit hours
This course will offer students an opportunity to learn about pathological factors that are involved in general medical conditions that affect athletes and performance. Use of prescription and over-the-counter medications by the sports medicine professionals in treating a wide variety of conditions will also be presented. This course is intended to build upon a sound knowledge of exercise physiology and injury/illness conditions.
Prerequisite: PE 461 and PE 467 or equivalent courses

PE 821 – Administrative Problems in Physical Education 3 credit hours
Study of organization and administration of physical education programs in secondary schools. This will help prepare students to organize and develop a program in public schools.

PE 822P – Facilities for Sports and Recreation 3 credit hours
Principles for planning indoor and outdoor facilities, materials, standards, programs, liability, and maintenance will be discussed. Visits to modern facilities will be arranged.

PE 825P – Sport and Recreation Law 3 credit hours
Primary emphasis related to clinical pathology in sports related injury. Primary emphasis will be placed upon the orthopedic aspects of injury and/or pathology related to each tissue structure such as bone, ligament, tendon, muscle, and nerve. Various properties of tissue structures and tissue response will also be analyzed.

PE 826P – Seminar: Physical Education 1-3 credit hours
Philosophies of physical education, current issues and trends, and methods of dealing with problems in the field. The course will deal with all levels from elementary school through college and graduate study. Total Credits Allowed: 3.00

PE 827P – Compliance & Governance in Sport 3 credit hours
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PE 828P – Secondary School Physical Education 3 credit hours
Curriculum organization and techniques of teaching physical education in the secondary school.

PE 829P – Marketing in Sport and Recreation 3 credit hours
Application and techniques of marketing and promotion in the sport and recreation setting.

PE 830P – Organization and Administration of Sports and Recreation 3 credit hours
This course emphasizes the skills needed to manage sport, athletic training and recreation programs. Topics will include management principles, leadership, organizational development, budgets, policies and procedures, communication and legal aspects.

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PE 831 – Curriculum Design in Physical Education 3 credit hours
This course will focus on the critical study of the value orientations, principles, problems and procedures involved in the construction of a physical education program. Application of curriculum models will be practiced upon curricular materials as specific courses of study are constructed for instruction in teaching situations.

PE 841P – Elementary School Physical Education 3 credit hours
Curriculum organization, methods and techniques for developing elementary school physical education curriculum.

PE 845 – Motor Development 3 credit hours
The ways in which infants and children assimilate and interpret sensory stimuli and the resultant effects on learning.

PE 850 – Research Method in Kinesiology & Sport Sciences 3 credit hours
Knowledge of research terminology, methodology and applications in research for the areas of Kinesiology and sport.

PE 854 – Leisure Behavior 3 credit hours
Overview of Social Science research and theories concerning behavior of leisure participants.

PE 858P – Recreation for the Aged 3 credit hours
Characteristics and needs, development of recreational programs and legislation for senior citizens.

PE 860P – Gross Anatomy of Movement 3 credit hours
Designed for in-depth understanding of anatomy as it relates to movement or work. Student will utilize human cadavers and assist with undergraduate laboratories. Prerequisite: PE 360 or BIOL 225 or BIOL 226 Additional Course Fee Required

PE 861 – Physiology of Exercise 3 credit hours
Physiological processes of body as pertain to physical activity. How trained and untrained individuals differ, and importance of training.

PE 862P – Advanced Athletic Training 3 credit hours
Diagnostic, evaluative, and therapy techniques, therapeutic and rehabilitative exercises, legal aspects of sports medicine, professional procedures and ethics in sports training.

PE 863P – Health Safety Elementary School 3 credit hours
Curriculum development, teaching methods and selection of learning materials for health instruction in the elementary schools.

PE 864P – Secondary School Health 3 credit hours
Developing a curriculum in secondary school health. Health services and environment for health in the secondary school are discussed.

PE 866P – Nutrition for Health and Sport 3 credit hours
Metabolism and metabolic regulation, the influence of dietary practices on health and human performance, and mechanisms and consequences of weight loss and gain.

PE 867P – Fitness Testing 3 credit hours
Techniques and theory of testing of personal fitness. Measures include vital capacity, body density, stress testing, aerobic and anaerobic fitness.

PE 870 – Advanced Exercise Physiology 3 credit hours
Course presumes a student has had a basic course in exercise physiology. The content of cardiorespiratory fitness, body composition, muscular strength/flexibility, body fluids and metabolism is presented beyond the introductory level.

PE 871 – Physical Education for Students with Disabilities 3 credit hours
Survey of prevalent disabilities which affect motor performance of school-age students. Special consideration is given to techniques accommodating students with disabilities in physical education classes.

PE 872 – Physical Education for Students with Developmental Disabilities 3 credit hours
Training is provided in the processes of motor development and motor learning of developmentally disabled school-age students. Course content will include implications of physical education for students who are mentally retarded, behavior disordered, learning disabled and cerebral palsied as well as relevant assessment procedures for these disabilities.

PE 873 – Physical Education for Persons with Severe Disabilities 3 credit hours
Training is provided in the etiology, pathology and characteristics of chronic and permanent disabilities. Course content includes implications of physical education for students who are sensory impaired, orthopedically handicapped, health impaired and severely/profoundly multi-handicapped as well as relevant assessment procedures for these disabilities.

PE 874 – Seminar and Practicum in Physical Education 3 credit hours
This course addresses physical education instruction. The role of the physical educator in planning and delivery of instruction.

PE 875 – Analysis of Physical Education Teaching 3 credit hours
Course will assist student in developing theoretical and practical understanding of the role of physical educator in an educational setting.

PE 877 – Motor Learning 3 credit hours
Exploration of basic considerations in motor skill acquisition. Factors affecting learning of skills, how learning process can be manipulated to help ensure efficient learning. Class will have traditional and laboratory components.

PE 878 – Issues in PE Sports and Recreation 3 credit hours
Discussion of current issues in physical education, recreation, sports, leisure, and tourism and related fields. Current literature will serve as resource material.

PE 880 – Readings in PE Sports and Recreation 1-3 credit hours
Directed readings concerning a specific topic under direction of a member of the graduate faculty. Total Credits Allowed: 6.00

PE 881 – Applied Project in PE Sports & Recreation 1-3 credit hours
Total Credits Allowed: 3.00

PE 885 – Clinical II 2 credit hours
This course will provide the athletic training student with a structured clinical learning experience. It is the intent of this course to bridge the gap between the didactic (lecture) material and the clinical field experiences. The course content is primarily organized toward attainment of proficiency in the psychomotor domain and teaching outcomes objectives as defined in the NATA Educational Competency Manual. Prerequisite: PE 885

PE 886 – Internship 3-15 credit hours
Total Credits Allowed: 15.00

PE 895 – Thesis 3-6 credit hours
Total Credits Allowed: 6.00

PE 899P – Special Topics Courses 1-3 credit hours
Total Credits Allowed: 3.00