

PHYSICAL EDUCATION (PEDU)

PEDU 510 - Teaching Health Related Physical Fitness (3 Credits)

Knowledge and application of processes and principles of health related physical fitness in physical education and sport settings.

Prerequisites: EXSC 223/EXSC 224 or BIOL 243/BIOL 244.

PEDU 515 - Physical Education for Inclusion (3 Credits)

Designing physical education programs for special populations and for students with special needs.

Prerequisites: PEDU 340, PEDU 360.

Graduation with Leadership Distinction: GLD: Diversity and Social Advocacy

PEDU 520 - Observational Analysis of Sports Techniques and Tactics (3 Credits)

Qualitative and quantitative techniques to observe, describe, analyze, and evaluate human movement in physical education and sports settings.

Prerequisites: PEDU 190, EXSC 223, EXSC 224 or BIOL 243, BIOL 244; PHYS 101.

PEDU 553 - The Organization and Administration of Physical Education (3 Credits)

Organization of instructional, intramural, interscholastic, and recreational programs, with emphasis on criteria for the evaluation and selection of activities.

Prerequisites: 18 credits in physical education, including six semester hours of professional skill courses.

PEDU 555 - Current Topics in Physical Education (1-3 Credits)

PEDU 570 - Human Child/Adolescent Growth (3 Credits)

Human physical growth and development of children with emphasis on years 4 to 18.

Prerequisites: EXSC 223, EXSC 224, or equivalent.

PEDU 575 - Physical Education for the Classroom Teacher (3 Credits)

Appropriate movement experiences for children. Not available for physical education majors.

Prerequisites: EDTE 201.

PEDU 577 - Dance Performance (3 Credits)

Rehearsal, choreographic analysis, and dance performance. All components of dance production—including music, costume, lighting, and scenery—will be considered.

Cross-listed course: DANC 577

PEDU 635 - South Carolina Physical Education Curriculum (3 Credits)

Development of physical education programs using the South Carolina Physical Education Curriculum Materials.

PEDU 637 - Advanced Theory and Techniques of Coaching Football (3 Credits)

An intensive investigation of current theories of offensive and defensive football. Generalship, strategy, conditioning, staff utilization, film analysis, and practice organization are covered in depth.

Prerequisites: current responsibilities or previous experience in college or high school coaching.

PEDU 638 - Advanced Theory and Techniques of Coaching Basketball (3 Credits)

An intensive investigation of the latest techniques and theories of coaching basketball. Systems of offense and defense, generalship, conditioning, staff utilization, film analysis, and practice organization are covered in depth.

Prerequisites: current responsibilities or previous experience in college or high school coaching.

PEDU 639 - Advanced Theory and Techniques of Coaching Track and Field Events (3 Credits)

A thorough study of the latest techniques of coaching track and field events. Isometric, isotonic, and interval conditioning theories involving the cardiovascular and muscular systems are examined to acquaint the student with varying physiological approaches to conditioning.

Prerequisites: current responsibilities or previous experience in college or high-school coaching.

PEDU 640 - Advanced Theory and Techniques of Teaching and Officiating Girls' Gymnastics (3 Credits)

A thorough study of the latest techniques of teaching and officiating girls' gymnastics. Balance beam, vaulting, uneven bars, tumbling, dance skills and routines, and officiating methods.

PEDU 650 - The Art and Science of Coaching (3 Credits)

Coaching principles and application to sport programs across a variety of developmental levels.

PEDU 660 - Counseling Student Athletes (3 Credits)

Issues facing student athletes regarding their personal and career development beyond athletics.

Cross-listed course: EDCE 650

PEDU 702 - Interpretation and Implementation of Physical Education Programs for Children (3 Credits)

An intensive investigation of contemporary physical education programs for children.

PEDU 703 - Conceptual Issues in Teaching Physical Education (3 Credits)

Advanced study of current literature and research in physical education.

PEDU 704 - Readings and Research in Physical Education Teaching and Teacher Education (3 Credits)

Advanced study of seminal literature and research in physical education teaching and teacher education.

Prerequisites: PEDU 703.

PEDU 705 - Applied Theories of Perceptual-Motor Learning in Physical Education (3 Credits)

Analysis of theories and principles of perceptual-motor and motor development of infants and children. Emphasis is placed upon reviewing current research as it applies to the physical education setting.

PEDU 709 - Anthropometric Measures and Their Uses (3 Credits)

Research procedures in measuring and rating human somatic variables. Experience in taking measurements on children and adults. Discussion of instruments, rating scales, positioning subjects, locating landmarks, and attaining consistency. Consideration of reliability and relevance in use of photographs, roentgenograms, casts, and direct measures.

PEDU 710 - Measurement and Research in Physical Education (3 Credits)

The treatment of current theory and practice of testing, evaluation, and research in physical education, with emphasis on the methods and tools of research.

Prerequisites: PEDU 545.

PEDU 715 - Introduction to Adapted Physical Education, Activity, and Sport (3 Credits)

Focuses on content knowledge foundational to adapted physical education, activity, and sport programs in self-contained and/or itinerant settings for children with moderate to severe disabilities.

PEDU 716 - Universal Design for Learning in General Physical Education (3 Credits)

Focuses on knowledge and skills to design and implement an effective curriculum design, lesson planning and assessment for inclusive physical education settings.

PEDU 717 - Practicum in Adapted Physical Education (3 Credits)

Focuses on the techniques, methodologies, and philosophies of adapted physical education teachers.

PEDU 720 - Theories and Principles of Motor Learning and Control: Applications for Adapted Physical Education (3 Credits)

Focuses on the knowledge of principles/theories of learning and memory applied to motor skill acquisition with an emphasis on factors influencing and the development of successful instructional and training strategies among individuals with disabilities.

PEDU 722 - Curriculum Development in Physical Education (3 Credits)

Principles of physical education based upon physiology, psychology, and sociology; curriculum-making procedures; plans and regulations for the conduct of the curriculum in physical education; criteria for the evaluation and selection of activities; evaluation, measurement, and grading procedures; and the formulation of a curriculum outline for elementary, junior high, and senior high schools.

PEDU 725 - Supervision in Physical Education (3 Credits)

Theory and practice of supervision of student teaching practica in physical education.

Prerequisites: EDUC 731.

PEDU 729 - Study of the Teaching of Physical Education (3 Credits)

Study of the analysis of teaching applied to the development of effective teaching skills in physical education.

PEDU 730 - Psychosocial Aspects of Athletic Performance and Injury Rehabilitation (3 Credits)

The application of psychological principles from motivation, arousal regulation, individual differences and psychological skills for enhancing athletic performance and injury rehabilitation.

PEDU 731 - Motor Skill Learning (3 Credits)

Study of sensory, motor and physical processes that underlie learning and performance of motor skills commonly performed in physical education, sport and dance.

PEDU 732 - Analysis of Instructional Behavior in Physical Activity Programs (3 Credits)

Research-based study of strategies, delivery systems, and clinical, school, and community-based programs in physical activity.

PEDU 741 - Readings in the Social History of Sport (3 Credits)

Reading and discussion of the critical and analytical literature on sport history.

Cross-listed course: HIST 741

PEDU 743 - Psychopathology among Athletes and Performers (3 Credits)

An introduction to common clinical domains of psychopathology encountered by athletes and performers.

PEDU 744 - Coaching Administration and Management (3 Credits)

An overview of coach's responsibilities in athletics internal operations.

PEDU 745 - Principles and Applications for Long-Term Athletic Development (3 Credits)

An overview of concepts, principles of long-term athletic development for youth and their application. Completion of this course provides the opportunity for Certification as a Level 1 Youth Fitness Specialist through the International Youth Conditioning Association.

PEDU 746 - Growth and Development Principles for Athlete Selection and Coaching (3 Credits)

Developmental constraint models and developmental trends from childhood through young adulthood highlighting their role in motor development, athlete selection and performance.

PEDU 747 - Coaching Ethics, Law and Compliance (3 Credits)

Ethical and legal issues surrounding the coaching profession.

PEDU 748 - Practicum I for Coaching Athletes and Performers (3 Credits)

Supervised experience for coaching athletes and performers.

PEDU 749 - Practicum II for Coaching Athletes and Performers (3 Credits)

Advanced supervised experience for coaching athletes and performers.

PEDU 750 - Historical and Philosophical Foundations of Physical Education (3 Credits)

A study of the historical and philosophical bases of physical education. Emphasis will be placed on the integration and application of this information to the formulation of a practical philosophy of physical education.

PEDU 751 - Principles of Adapted Sport Coaching (3 Credits)

An overview of teaching and training athletes with different disabilities and challenges. Program management and preparing for coaching and competition.

Prerequisites: PEDU 715.

PEDU 755 - Selected Topics in Physical Education (3 Credits)

A study of selected issues confronted in physical education programs.

Prerequisites: 15 hours in graduate courses in physical education.

PEDU 770 - Research Methods in Physical Education (3 Credits)

A study of applicable methods and tools of research in physical education and motor behavior. Provision for students to engage in original research.

PEDU 771 - Theories and Principles of Growth and Motor Behavior: Applications for Adapted Physical Education (3 Credits)

Focuses on knowledge of growth and motor development principles from theory and research with applications for teaching and coaching individuals with disabilities.

PEDU 778A - Directed Student Teaching in Physical Education I (6 Credits)

Student teaching at the elementary or secondary level combined with planning and initiation of an action research project to demonstrate knowledge, skills, and dispositions related to teaching physical education.

Corequisite: PEDU 778B.

PEDU 778B - Directed Student Teaching in Physical Education II (6 Credits)

Student teaching at the elementary or secondary level combined with completion of an action research project to demonstrate knowledge, skills, and dispositions related to teaching physical education.

Corequisite: PEDU 778A.

PEDU 784 - Theory and Application of Effective Teaching Strategies in Physical Education (3 Credits)

Study of effective teaching in physical education. Acquisition of advanced teaching skills beyond those required for basic certification.

PEDU 788 - Action Research Project in Adapted Physical Education (3 Credits)

Focuses on knowledge and skills to design and implement an action research project designed for self-reflective systematic inquiry and improvement of teaching in inclusive physical education settings.

PEDU 790 - Independent Study (1-3 Credits)

Topics to be assigned and approved by advisor, graduate director, and department head.

PEDU 791 - Practicum in Physical Education (0-3 Credits)

Clinical and/or field experience in a variety of settings related to or dealing with physical activity. The practicum is designed to provide the student with in-depth experiences in a particular aspect of motor skill acquisition.

PEDU 829 - Advanced Topics in Child and Adolescent Growth and Development (3 Credits)

An interdisciplinary study of individual (physical and psychological), environmental and task related variables as they relate to motor skill performance, physical activity participation and athlete development.

PEDU 830 - Development of Skilled Sport Performance (3 Credits)

Development of cognitive and motor processes necessary for skilled performance in sport.

Prerequisites: PEDU 730 and either PSYC 501 or PSYC 712.

PEDU 832 - Research Practicum in Motor Learning/Motor Performance (3 Credits)

Scientific investigation of specific research problems in motor learning/motor performance.

PEDU 833 - Research Practicum in Physical Education (1-6 Credits)

Designing, conducting and interpreting research studies in physical education.

PEDU 840 - Historical and Contemporary Perspectives on the Study of Teaching and Instruction (3 Credits)

A survey and critical analysis of the field of research on teaching and instruction.

PEDU 841 - Seminar in Research on Teaching in Physical Education (3 Credits)

Interpretation and critical analysis of research on selected topics on teaching and instruction in physical education.

PEDU 850 - Research, Theory, and Practice of Teacher Education in Physical Education (3 Credits)

Research, theory, and methods of teacher education in physical education.

PEDU 860 - Advanced Curriculum and Philosophy in Physical Education (3 Credits)

Curriculum theory and design in physical education; implications of major philosophical positions, developmental and learning theory, and culture on the design and implementation of physical education curriculum.

Prerequisites: PEDU 722.

PEDU 870 - Promoting Integrative Youth Physical Development (3 Credits)

Examination of the synergistic nature of various physical, behavioral and psychological factors that promote positive trajectories of health in youth and how they are promoted across childhood and adolescence in physical education.

PEDU 899 - Dissertation Preparation (1-12 Credits)