

**152. Physical Education for Children (3)**

Theory, analysis and study of movement experiences, skills, and materials appropriate for children. (2 2-hour lecture-labs)

**153. Principles of Physical Education: Philosophical, Psychological, and Sociological (3)**

Prerequisite: PE 30, 31. Principles basic to purposeful use of sport, dance, exercise and game experiences; appraisal of pertinent philosophical, psychological and sociological concepts.

**154. Proseminar in Organization and Administration (3)**

Prerequisite: PE 30, 153. Organization and administration: classification, scheduling, planning facilities for instruction and recreation; role of the physical education teacher in recreation, equipment, budget, co-curricular program, student leadership, community relationship, legal liabilities.

**156A. Kinesiology (3)**

Prerequisite: Phy 33. Human movement: biological and mechanical bases, application of skeleto-muscular considerations and principles of mechanics to human movements.

**156B. Physiology of Exercise (3)**

Prerequisite: Phy 33 and H Ec 54. Physiologic bases of movement, work and exercise; physiologic concepts related to such processes as respiration, circulation, muscle function, metabolism, heat regulation, and to their roles in physical activity.

**156C. Adapted Physical Education (2)**

Prerequisite: Phy 33, PE 156A. Anomalies and physical divergencies among elementary and high school students, their etiology and consequences; development of special provisions to meet the needs of atypical students.

**159. Measurement and Evaluation in Physical Education (2)**

Prerequisite: PE 30. Emphasis on selection, construction, and administration of tests for evaluating motor and sports skills, motor and physical fitness and knowledge; statistical applications for interpretation of results.

**162. Coaching Concepts (3)**

Current problems of coaches in the school setting; techniques of motivation, organization and public relations.

**190. Independent Study (1-3; max see reference)**

See *Academic Placement—Independent Study*.

**199. Supervised Work Experience (2; max total 4)**

Open only to physical education majors. Prerequisite: upper division status, GPA 2.5 last 30 units, consent of department coordinator and instructor.

**GRADUATE COURSES**

(See *Course Numbering System—Definitions and Eligibility*)

**221. Body Mechanics (3)**

Prerequisite: PE 156A or permission of instructor. Analysis of posture and body mechanics; methods and techniques for the examination and treatment of faulty body mechanics and other anomalies; and exercises for achieving and maintaining correct body mechanics.

**222. Analysis of Athletic Performance (3)**

Prerequisite: PE 156A and 156B or permission of instructor. Consideration of the factors affecting performance in various sports. Application of laws of physics, principles of exercise, physiological, and psychological considerations to human performance. Intensive research in the analysis of sports skills.

**223. Scientific Basis of Motor Learning (3)**

Seminar in the study of human movement from a physio-psychological perspective. Emphasis on learning theories, motor educability, and kinesthetic awareness in human movement via sport, dance, and games.