

**230. Statistical Inference in Physical Education (3)**

Theory and nature of statistical inference; seminar in the study of statistical methodology relating to the selection of the most appropriate statistical method, the correct application of the statistical technique, and the interpretation of findings.

**231. Research in Physical Education and Recreation (3)**

Seminar in research methodology; identification of researchable problems in physical education and related areas; use of library resources, data gathering and analyses, critiquing of recorded research, writing of research reports.

**232. Quantitative Measurement in Exercise Physiology (3)**

Prerequisite: PE 156A or permission of instructor. Use of instruments and devices for measuring physiological factors related to exercise. Measurement of these factors under experimental conditions in the human performance laboratory.

**240. Facilities and Equipment in Physical Education (3)**

Functional planning of indoor and outdoor facilities for schools and recreation centers. Design and layout of school physical education-athletic facilities. Evaluation of school plants in the Fresno and valley area. Budget considerations in planning for the purchase of equipment.

**241. Administration in Physical Education (3)**

Examination of innovative ideas in the fields of education and physical education which relate to physical education administration. Emphasis on discovering ways to incorporate recent information to establish programs.

**242. Program Development in Physical Education (3)**

Study of the current education scene to provide students with an understanding of the role that school physical education plays in today's education. Identification of sound procedure and practice in organizing and conducting relevant programs of physical education.

**250T. Topics in Physical Education (3; max total 6 if no topic repeated)**

Prerequisite: permission of instructor. Advanced studies in theoretical research in selected topics.

**260. Historical Concepts of Physical Education (3)**

Interpretation of exercise and sport in western thought and practice, from 3000 B.C. to the present.

**261. Philosophical Concepts in Physical Education (3)**

Exposure to philosophical thought as conceived by traditional and contemporary philosophers. Exploration of the techniques utilized to bring specific philosophical positions to action; examination of relationships between individual philosophies and philosophies from which current practices and problems in the field of physical education emerge.

**262. Psycho-Socio Implications of Sport (3)**

Investigation of the nature of man, the player; cultural factors leading to the development of the symbolic field of sport; and sport as an agent of change.

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

See *Academic Placement—Independent Study*.

**299. Thesis or Project (2-6)**

Prerequisite: see *Master's Degrees—Thesis Requirement*. Preparation, completion, and submission of an acceptable thesis or project for the master's degree.

**Dance Courses (Dance)****116. Introduction to Modern Dance (1) (Former C16)**

Basic technique, improvisation, and composition. Moving through space, energy, and time with focus on varying internal and external stimuli as impetus for movement.