

159. Tests and Measurements (3)

Prerequisite: PE 30. Scientific testing in physical education; analysis, study, and construction of tests; diagnosis of physical efficiency and physiological reactions to exercise, sports, and games.

**161. Curriculum and Methods of Physical Education in Secondary Schools (3)
(Former PE 151)**

Prerequisite: PE 30, 153, and/or concurrently (men) PE 125A-B-C-D, (women) PE 115A-B-C-D. Principles applied to the teaching-learning process; organization and observation of physical education activities in secondary schools; development of physical education programs.

162. Dance Choreography (1-2; max total 4)

Prerequisite: C16, C17 or equivalent, and permission of instructor. Fundamentals of dance composition.

164. Dance History (2)

Prerequisite: C16. Study of dance through the ages including primitive era, ancient Greek and Roman, Middle Ages, Renaissance preclassic and ballet; theories of modern dance.

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

See *Regulations and Procedures—Independent Study*.

GRADUATE COURSES

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

220. Research in Education (2) (See A Ed 220)**230T. Scientific Bases of Physical Education (3; max total 9 if no topic repeated)**

Seminar in a selected topic: research in physical education; body mechanics; analysis of athletic performance.

240T. Programs in Physical Education (3; max total 9 if no topic repeated)

Prerequisite: PE 161. Seminar in a selected topic: facilities and equipment; program development; administration.

250T. Topics in Physical Education (3; max see below)

May be repeated if no topic repeated. Prerequisite: permission of instructor. Seminar in a selected topic; for example, contemporary dance and related art forms.

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

See *Regulations and Procedures—Independent Study*.

299. Thesis or Project (2-4; max total 4)

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

IN-SERVICE COURSES

Note: In-service courses (300 series) are not intended for use on degrees except by special, prior approval. See Extension and Summer Session Bulletins for course descriptions.

310. Analysis of Team Activities (2-3; max total 12 if no area repeated)**320. Analysis of Individual Activities (2-3; max total 12 if no area repeated)**