

**KIN 755 Exercise Electrocardiography, Testing, and Prescription (Units: 3)**

Prerequisite: Restricted to graduate Kinesiology students or permission of the instructor.

In-depth theoretical background for exercise, electrocardiography, testing, and prescription for individuals and groups in clinical, corporate, community, and occupational settings. (Plus-minus letter grade only)

**KIN 763 Motivation and Performance (Units: 3)**

Prerequisite: Restricted to graduate Kinesiology students or permission of the instructor.

Psychological perspectives of human performance and research findings in the areas of sport and exercise psychology. Awareness of literature focused on the psychological dimension. (Plus-minus letter grade only)

**KIN 766 Sociocultural Bases of Physical Activity (Units: 3)**

Prerequisite: Graduate standing or permission of the instructor.

Sociocultural factors underlying participation in physical activity, sport, and exercise. Implications for the practitioner.

**KIN 781 Muscle Physiology (Units: 3)**

Prerequisite: Restricted to graduate Kinesiology students or permission of the instructor.

Basic and applied physiological properties of skeletal muscles (from the molecular to whole muscle level), in the context of the physiological adaptations from disuse, injury, and training. (Plus-minus letter grade only) [Formerly paired with KIN 681]

**KIN 795 Seminar in Kinesiology (Units: 3)**

Prerequisites: KIN 710 and KIN 715; 15 units towards advancement to candidacy (ATC).

Interdisciplinary seminar on relevant kinesiology issues, areas of interest, problems, and future directions. Involves extensive analysis of recent and significant research. (Plus-minus letter grade only)

**KIN 895 Master's Project in Kinesiology (Units: 3)**

Prerequisites: Completion of core and concentration requirements; permission of the instructor and approval of Advancement to Candidacy (ATC) and Culminating Experience (CE) forms by Graduate Studies.

Development of a research question on a topic approved by faculty with literature review, methodology and statistical analysis. Includes proposal and oral presentation. Advancement to Candidacy and Proposal for Culminating Experience Requirement must be approved by Graduate Studies before registration. (CR/NC grading only)

**KIN 896 Directed Reading in Kinesiology (Units: 3)**

Prerequisites: 21 units towards Advancement to Candidacy; permission of the adviser and instructor.

Integrating information in movement and exercise science or a significant issue. May be repeated once for a total of 6 units.

**KIN 897 Independent Research in Kinesiology (Units: 3)**

Prerequisites: KIN 710 and KIN 715 or equivalent; 12 graduate units towards Advancement to Candidacy; and permission of the graduate adviser.

Independent, original research investigation supervised by a graduate adviser. For students who selected the thesis culminating experience. (CR/NC grading only)

**KIN 898 Master's Thesis (Units: 3)**

Prerequisites: Graduate Kinesiology students; KIN 897; and permission of the graduate major adviser and instructor; and approval of Advancement to Candidacy (ATC) and Culminating Experience (CE) forms by Graduate Studies. Advancement to Candidacy and Proposal for Culminating Experience Requirement forms must be approved by the Graduate Division before registration.

(CR/NC grading only)

**KIN 899 Independent Study (Units: 1-3)**

Prerequisites: Graduate standing with demonstrated ability to do independent work and permission of the adviser and supervising instructor.

Independent study or research is planned, developed, and completed under the direction of a faculty member. May be repeated for a total of six units. (CR/NC grading only)