

# HEALTH & KINESIOLOGY (HEKI)

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## Health & Kinesiology Graduate Courses

### **HEKI 8000 SPECIAL STUDIES (1-3 credits)**

A series of intensive courses - scheduled as regular seminars or workshops according to purpose.

**Prerequisite(s):** Permission of department.

### **HEKI 8030 RESEARCH IN HEALTH & KINESIOLOGY (3 credits)**

The course introduces students to scientific writing, quantitative research design, and statistical methods. Considerable emphasis is placed on evaluation of research in scholarly publications. A research proposal in the form of a grant proposal is written as one of the course requirements. Students will develop the skills necessary to analyze study designs in existing literature and create a research proposal. (Cross-listed with BMKI 9001).

**Prerequisite(s):** Graduate standing. Not open to non-degree graduate students.

### **HEKI 8100 RESEARCH PROJECT (1-3 credits)**

Individual or group study and analysis of specific problems in health, physical education or recreation.

**Prerequisite(s):** Permission of instructor.

### **HEKI 8220 PROBLEMS & ISSUES IN HPER (3 credits)**

An examination of current problems and issues in HPER that relate to the general aims and purposes of HPER.

### **HEKI 8300 ANALYSIS OF RESEARCH AND LITERATURE IN HUMAN MOVEMENT (3 credits)**

Survey of research and literature in Human Movement for the purpose of orienting the candidate to possible areas of research and developing an understanding of and appreciation for writings in the field. The course may be offered focusing on only one specific area in HPER.

**Prerequisite(s):** HPER 8030 or HEKI 8030

### **HEKI 8500 QUALITATIVE RESEARCH METHODS (3 credits)**

An examination of qualitative research methods. Emphasis on the broad application of qualitative research in public health, education, and social sciences. Course topics include research design, data collection, data analysis, and reporting.

**Prerequisite(s):** Not open to non-degree graduate students.

### **HEKI 8850 EXERCISE FOR SPECIAL POPULATIONS (3 credits)**

The course will examine the physiological and medical limitations imposed on people with various common chronic diseases/conditions including arthritis, osteoporosis, exercise-induced asthma, obesity, diabetes, hypertension and pregnancy. Special groups such as children and elders will be discussed. Content will emphasize the etiology and guidelines for exercise testing, prescription, and supervision. (Cross-listed with BMKI 9851).

**Prerequisite(s):** PE 4940/KINS 4940 or PE 8946/KINS 8946

### **HEKI 8990 THESIS (1-6 credits)**

The thesis experience is designed to help develop the candidate's ability to execute accepted procedures associated with the research process appropriate to the Master's degree.

**Prerequisite(s):** Permission. Not open to non-degree graduate students.