

## **Emphasis - Exercise Science**

- [Ph.D. in Health & Kinesiology](#)
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### **Ph.D. in Health & Kinesiology Description**

The Ph.D. in health and kinesiology degree program prepares students for university teaching and research positions. Also, the degree prepares students for research careers in industry and medicine that include the study of health, exercise, sports/recreation, and analytics (aka measurement and evaluation). The program has three emphasis areas: 1) exercise science; 2) health behavior; and 3) sports/recreation. In addition to their emphasis areas, students can choose an analytics\* cognate.

#### **Minimum Total Credit Hours: 63**

#### **General Education Requirements**

All Ph.D. students must complete a minimum of 63 credits beyond a master's degree program in directed research, professional seminar, research methods and statistics, and specialization course work.

#### **Course Requirements**

##### **Directed Research (24 credits)**

- HK 797 - Dissertation (18 hours)
- HK 751 - Advanced Independent Study (3 hours)
- HK 752 - Advanced Independent Study (3 hours)

##### **Professional Seminar (6 credits)**

- HK 750 - Seminar in Health and Kinesiology (1 hour repeated six times)

##### **Research Methods & Statistics (12 credits)**

Course credits to be selected in consultation with adviser.

##### **Specific course recommendations include:**

- HK 710 - Meta-Analysis (3 hours)
- HK 711 - Measurement Theory & Practice (3 hours)
- NHM 726 - Applied Regression Analysis (3 hours)
- Phad 780 - General Linear Models (3 hours)
- Phad 781 - Applied Multivariate Analysis (3 hours)
- Psy 703 - Quantitative Methods I (3 hours)
- Psy 704 - Quantitative Methods II (3 hours)
- SW 705 - Applied and Inferential Statistics (3 hours)

##### **Emphasis Area Coursework (21 credits)**

Course credits to be selected in consultation with adviser.

\*Analytic cognate requires students to take HK 710, HK 711, and HK 752 and participate in the Health and Sports Analytics lab (e.g., biweekly meetings, statistical workshop, statistical consulting, etc.) for a minimum of one year.

#### **Other Academic Requirements**

The student also must complete written and oral comprehensive exams before undertaking the prospectus and dissertation.

### **Emphasis - Exercise Science Description**

The emphasis in exercise science prepares students for university teaching and research positions. Also, the degree prepares students for research careers in industry and medicine that include the study of exercise.

#### **Course Requirements**

The course requirements are 21 hours in an exercise science emphasis area [all four of the core classes (ES 609, ES 611, ES 614, ES 616) must be taken at the University of Mississippi]; 12 hours of research methods and statistics; 6 hours of professional seminar; and 24 hours of directed research (18 of which must be dissertation hours).

#### **Other Academic Requirements**

Additional coursework will be required for students who do not enter the program having completed a master's-level degree in exercise science or closely related discipline.

