# Physical Education (KINESIO-PH, PEN)

Specialization leading to Doctor of Philosophy in Kinesiology

## Core Requirements (9 hours)
- KINESIO 6891: Kinesiology Graduate Core Course I (3)
- KINESIO 6892: Kinesiology Graduate Core Course II (3)
- KNPE 7863: Teaching Health and Fitness Courses at the College Level (3)

## Research Core (choose three, minimum 9 hours)
*Consult with advisor and committee to select three courses from the list below or other research courses offered at the University*

### Quantitative
- ESQREM 6641: Introduction to Educational Statistics (4)
- ESQREM 6661: Intro to Educational Measurement (3)
- ESQREM 7627: Sampling Designs and Survey Research Methods (3)
- ESQREM 7631: Applied Evaluation Design (3)
- ESQREM 7635: Advanced Research Methods (3)
- ESQREM 7643: Categorical Data Analysis (3)
- ESQREM 7648: Univariate Experimental Designs (4)
- ESQREM 7651: Regression Analysis (3)
- ESQREM 7661: Instrument Construction (3)
- ESQREM 8648: Multivariate Experimental Designs (4)
- ESQREM 8657: Factor and Cluster Analyses (3)
- ESQREM 8658: Applied Multilevel Data Analysis (3)
- ESQREM 8659: Structural Equation Modeling (3)
- ESQREM 8674: Scaling and Item Response Theory (3)

### Qualitative
- ESQUAL 8210: Qualitative Research: The Analysis of Interaction in Educational Settings (3)
- ESQUAL 8211: Analysis of Classroom Discourse (3)
- ESQUAL 8280: Qualitative Research in Education: Paradigms, Theories, and Exemplars (3)
- ESQUAL 8290: Qualitative Research in Education: Practicum in Methods and Analysis (3)

### Single Subject
- ESSPED 8861: Behavioral Research Methods in Applied Settings (3)
- ESSPED 8871: Behaviorism: Schedules and Translational Research (3)
- ESSPED 8874: Behavioral Research in Education (3)

Minimum hours post-MA/MS: 60

For More Information:
Department of Human Sciences
A256 PAES Building,
305 W. 17th Avenue
kinesiology@osu.edu

*revised 7/16/2021*
Research Core options continued

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Sociology 6608</td>
<td>Qualitative Methods in Sociology</td>
<td>3</td>
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<tr>
<td>AAE 8860</td>
<td>Research Design</td>
<td>2</td>
</tr>
<tr>
<td>AAE 8870</td>
<td>Analysis and Interpretation of Data</td>
<td>2</td>
</tr>
<tr>
<td>AAE 8880</td>
<td>Instrumentation and Procedures for Data Collection</td>
<td>2</td>
</tr>
<tr>
<td>AAE 8890</td>
<td>Applied Regression Analysis</td>
<td>2</td>
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<tr>
<td>AAE 8895</td>
<td>Applied Data Reduction Techniques</td>
<td>2</td>
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<tr>
<td>HISTORY 7900</td>
<td>Colloquium in the Philosophy of History, Historiography, &amp; the Historian’s Skills I</td>
<td>3</td>
</tr>
<tr>
<td>HISTORY 7901</td>
<td>Colloquium in the Philosophy of History, Historiography, &amp; the Historian’s Skills II</td>
<td>3</td>
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Specialization Requirements (24 hours)

Required courses (15 hours)

- KNPE 8891 Doctoral seminar in Physical Education (12 hours) *(3 hours, repeat four times)*
- KNPE 8998 Research: Physical Education, Sport and Physical Activity (9 hours) *(3 hours, repeat three times)*

Supporting Courses (choose three, minimum 9 hours)

- KNPE 5676 Programming for Severe Physical Impairments (3)
- ESSPED 5742 Applied Behavior Analysis for Teachers (3)
- KNPE 7754 Advanced Motor Development and Learning (3)
- KNPE 7868 Research on Teaching in Physical Education (3)
- KNPE 8865 Advanced Socio-Cultural Issues in Physical Education (3)
- KNPE 8870 Research on Teaching (3)
- KNPE 8872 Advanced Study in Adapted Physical Education (3)
- PUBAFRS 6000 Public Policy Formulation and Implementation (4)
- PUBAFRS 6070 Public Affairs Statistics (4)
- PUBHHMP 7602 Economic Analysis of Health Services (3)
- PUBHHMP 7603 Economics of Health Care I (3)
- PUBHHMP 7605 Introduction to Health Policy (3)
- PUBHHMP 7606 Applied Health Policy (3)
- PUBHHMP 7640 Mental Health & Disability Policy (3)
- PUBHHBP 7528 Foundations of Professional Practice in Health Promotion (3)
- PUBHHBP 7520 Community Health Assessment (3)
- PUBHHBP 7542 Settings and Special Populations in Health Promotion (3)

Flexibility Requirement (6 hours)

*This coursework may be from inside or outside of the program, but should extend the breadth of disciplinary knowledge. Courses are selected in consultation with faculty advisor and committee. Examples of areas of study for Health and Exercise Science include statistics/research, public health, developmental psychology, child development, teacher education, or urban education.*

Dissertation Requirement (6 hours)

*Consult with faculty advisor*

- KNPE 8999 Dissertation/Thesis Research: Physical Education *(minimum 6)*

*Note: Students exact curriculum may vary depending upon program of study determined by student and advisor, and approved by the Graduate Studies Committee.*