Ph.D. in Kinesiology

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Need for Program

- Growing shortage of trained scientists and faculty in Kinesiology and its related sub-disciplines (e.g., exercise physiology, biomechanics, neuroscience)
  - Large growth nationally in Kinesiology majors in last 10 years leading to greater faculty needs
  - Extreme need nationally for clinical-program faculty with PhD’s (e.g., Physical Therapy)

- Benefits all Department programs by raising its national profile and ability to be ranked
  - Current PhD in Health Sciences is less visible to potential students seeking a Kinesiology-related PhD
  - PhD in Kinesiology more clearly aligned with future faculty openings
Program Overview

- Prepares students for research careers in
  - Academia
  - Industry

- Students complete:
  - 58 graduate credits post-MS, or 79 credits post-BS
  - Dissertation

- Assessment based on
  - Performance in research and courses
  - Tracking of alumni career progress
Curriculum

- **Core curriculum**
  - Research design, Statistics, Teaching & Learning, Research Seminars
  - 16 credits

- **Area of emphasis**
  - Physiological/Psychosocial/Neuromechanical aspects of human movement
  - 15 credits

- **Cognate and electives**
  - 15 credits

- **Dissertation**
  - 9 credits
Program Strengths

- Unique research niches aligned with future needs of health, wellness, and rehabilitation
  - Physical activity & health
  - Integrative human performance
  - Neuromechanics of human movement

- Builds on strong research and existing infrastructure
  - Nationally-respected faculty in respective scholarly areas
  - Most courses already exist to support MS Kinesiology and PhD Health Sciences

- Multidisciplinary strengths
  - Ongoing research collaborations with engineering, public health, psychology, nursing, occupational therapy
Diversity

- **Curriculum and research**
  - Research on potential health and physical activity disparities across social and geographic boundaries

- **Student Pipelines**
  - UWM Undergraduate population
  - Historically Black Colleges and Universities
Questions?