

KINESIOLOGY, PHD

With a focus on the interrelationships between human movement and health and performance, the foundation of the Ph.D. in Kinesiology curriculum provides students with both the classroom and experiential training that is critical to becoming a successful scholar. The Kinesiology doctoral program includes balanced and comprehensive doctoral-level training in Kinesiology theory, research methodology, and statistics that culminates in an innovative and publishable collection of work reflecting an integration of scientific discovery and application. The program focuses on developing scholars in areas of emphasis that align with faculty expertise.

The Kinesiology doctoral program provides students with excellent research training for academic and professional careers that require theory-driven basic and/or applied research skills, such as faculty and/or administrative positions within colleges and universities; careers in nonprofit service and research organizations; policy-making positions in government agencies and institutions; and careers in for-profit businesses.

For additional information, please contact Scott J. Strath (sstrath@uwm.edu), Ph.D., FACS - Ph.D. Kinesiology Program Director or visit the Ph.D. (<https://uwm.edu/healthsciences/academics/phd-kinesiology/>). Kinesiology Program (<https://uwm.edu/healthsciences/academics/ms-kinesiology/>) website.

Admission Requirements

Application Deadlines

Application deadlines vary by program, please review the application deadline chart (<http://uwm.edu/graduateschool/program-deadlines/>) for specific programs. Other important dates and deadlines can be found by using the One Stop calendars (<https://uwm.edu/onestop/dates-and-deadlines/>).

Admission

In addition to meeting the minimum UWM Graduate School's criteria for admission, applicants to the PhD program in Kinesiology must also reach out to a Major Professor in the Kinesiology Program prior to application. This is designed to align the prospective PhD student applicant interest with that of the Major Professor, and establish whether the Major Professor identified has availability to accept and mentor any new PhD student applicants. If the Major Professor and potential PhD applicant decide that an application is permitted the following are additional requirements that must be met:

1. Submit a curriculum vitae that includes all academic institutions attended, degrees achieved, and academic and professional accomplishments (e.g., publications, presentations).
2. Demonstrate, through submission of official transcripts from all institutions attended, a minimum grade point average of 3.0 for the highest degree program in which the student enrolled and/or completed. Particular attention will be paid to grades in classes that are relevant to the selected area of emphasis for the PhD Kinesiology program. Applicants currently enrolled in a baccalaureate program must demonstrate a minimum undergraduate grade point average of 3.0.
3. Solicit two confidential letters of recommendation from previous university instructors and/or faculty advisors.

4. Submit a writing sample from a research project in which the applicant was involved. Acceptable writing samples include, but are not limited to, submitted/published manuscripts, submitted/published abstracts, review of literature, report of a completed research project, research proposal, etc.
5. Submit a letter of intent that addresses the applicant's research interests (including intended area of emphasis and advisor at UWM) conducted research, ongoing research and career goals.

Credits and Courses

The program requires students to complete a minimum of 58 graduate credits beyond the master's degree, or a minimum of 79 credits beyond the bachelor's degree. The curriculum is comprised of five main components:

1. Core curriculum
2. Area of emphasis curriculum
3. Cognate
4. Electives
5. Dissertation

All coursework will be decided upon and approved by the student and their PhD committee.

Credit distribution will be as follows:

Students entering with a MS:

Code	Title	Credits
	Core Curriculum	19
	Area of Emphasis Curriculum	15
	Cognate	9
	Electives	3
	Dissertation	12
Total Credits		58

Students entering with a BS:

Code	Title	Credits
	Core Curriculum	19
	Area of Emphasis Curriculum	21
	Cognate	12
	Electives	15
	Dissertation	12
Total Credits		79

All credits listed are minimum required credits for the program.

Core Curriculum

The core curriculum focuses on developing the knowledge and skills necessary for students to conduct sound and innovative research, and to develop as a scholar. Coursework included in the core curriculum focuses on research methodology and design, statistical analysis, ethical conduct of research, professional development, and teaching and learning coursework.

Code	Title	Credits
Core		
	Take the following for 1 credit repeated 4 times:	4

KIN 910	Advanced Seminar in Health Sciences	
KIN 909	Guided Teaching Experience in Health Sciences	3
KIN 703	Research Methods in Kinesiology (Or comparable course)	3
PH 801	Seminar in Public Health Research	3
Select a minimum of 6 credits from possible eligible courses which include, but are not limited to the following:		6
KIN 702	Statistical Analysis in the Health Sciences	
SOC WRK 961	Introduction to Statistical Methods	
SOC WRK 962	Applied Multiple Regression Analysis	
SOC WRK 963	Measurement Methods and Related Multivariate Statistics	
SOC WRK 964	Advanced Statistical Methods	
Total Credits		19

Additional Requirements

Major Professor as Advisor

The Graduate School requires that each doctoral student have a major professor to advise, supervise and approve the program of study before registering for courses. The major professor also serves as a research mentor, the chair of the dissertation committee, and chair of the committee hearing the dissertation defense. Each student will be assigned an advisor upon admission based on area of research interest. The major professor must have graduate faculty status.

Area of Emphasis Curriculum

Students will propose an area of emphasis in consultation with their advisor and take an array of courses, offered within and outside the Kinesiology Program, that explore the main dimensions of that area. The academic area of specialization within Kinesiology will be identified prior to the student's entry into the program. The student's doctoral committee will be charged with reviewing their program of study to ensure that sufficient doctoral level coursework will be/has been completed.

Cognate

The cognate area, within or outside Kinesiology, will complement the student's area of concentration (e.g., area of emphasis: Exercise Physiology; Cognate: Nutrition), and will be identified by the end of the first year of coursework. Coursework in the cognate may include classes offered within and/or outside the Kinesiology Program. As with the area of emphasis curriculum, the student's doctoral committee will be charged with reviewing the program of study to ensure that sufficient doctoral level coursework will be/has been completed.

Electives

Students will have the opportunity to broaden their knowledge by taking supplemental courses in teaching and learning, grantsmanship, manuscript preparation, professional development, and other areas that complement their program of study.

Dissertation

The completion of a dissertation, consisting of original research, will be the final step in earning a Ph.D. in Kinesiology from the University of Wisconsin-Milwaukee.

In addition to formal coursework, students are required to successfully complete a preliminary examination, a dissertation proposal, and a

dissertation defense. It is expected that this degree will take an average of four to five years for a full-time student to successfully complete.

Preliminary Exam

After students successfully complete the required credits of didactic coursework in the Core, Area of Emphasis, and Cognate areas, the student will sit for the preliminary examination. The preliminary examination will assess the level of knowledge and understanding related to coursework taken in the area of emphasis, cognate area, as well as research methodology and statistics. Specifically, the purpose of the preliminary exam is to provide the student with an opportunity to demonstrate their current knowledge, and ability to apply and integrate knowledge gained in classes with the current body of literature and in their own research. The preliminary examination process must be successfully completed before a student can formally become a dissertator, and must be completed within five years of initial doctoral program enrollment.

The preliminary exam format includes choosing one of the following two options:

Option One:

Area of Emphasis and Cognate Examination

One written exam where the student will not have access to notes or other materials. The exam will require students to demonstrate their understanding of fundamental ideas, theories, and/or concepts within their area of emphasis.

One written exam where the student will not have access to notes or other materials. The exam will require students to demonstrate their understanding of fundamental ideas, theories, and/or concepts within their cognate area of emphasis.

Option Two:

Integrative Examination

The student will prepare a grant proposal (format approved by the doctoral committee) and orally defend their grant proposal to their doctoral committee. This written and oral exam will focus on a topic related to their area of emphasis, but not the student's primary dissertation research question. The topic must be agreed upon by the student and their committee. The Integrative examination will provide the student with an opportunity to demonstrate their ability to analyze, evaluate, and hypothesize on research and theory pertaining to a selected area of Kinesiology.

This format gives the student two options for Preliminary Exams. After consulting with the student, the faculty advisor will decide which of the two options the student will complete for their preliminary examination.

Appeals Process

Any appeal (grades, preliminary exam decision, dissertation proposal decision, etc.) initiated by the student must follow the appropriate steps for appeals (<http://uwm.edu/graduateschool/appeals-exceptions/>) as outlined by the Graduate School.

The Dissertation Process

Dissertation Proposal and Proposal Hearing

Upon successful completion of the preliminary examinations, the student submits a written dissertation proposal to the doctoral committee and conducts a public oral presentation of the proposed research. Notification of the oral presentation will be provided to the Kinesiology Graduate Program Director ten business days (two calendar weeks) prior to the presentation, and will be publicly posted by the Kinesiology

Graduate Program Director. Following completion of the dissertation proposal, the committee votes on whether to allow the student to move forward with the dissertation plan as proposed. Committee approval of the dissertation proposal establishes agreement on the plan and confirms that the student has adequate preparation to complete the dissertation research.

Per UWM Graduate School guidelines (<http://uwm.edu/graduateschool/doctoral-milestones/>), "Any significant changes to the dissertation as presented in the proposal hearing must be approved. A new proposal and proposal hearing are required."

Dissertation

The dissertation is a major piece of original research representing a substantial contribution to the existing body of knowledge. The student's major professor and doctoral committee provide guidance in completing the dissertation. The final written document may follow a traditional or manuscript format.

- For dissertations following the traditional dissertation format, the formatting of the dissertation document will follow guidelines (<http://uwm.edu/graduateschool/thesis-dissertation-formatting/>) published by the UWM Graduate School and consist of an introduction, review of literature, method, results and discussion sections.
- For dissertations following the manuscript format, the dissertation document will follow guidelines (<http://uwm.edu/graduateschool/thesis-dissertation-formatting/>) published by the UWM Graduate School and consist of an introduction to the content area and line of research, two to four manuscripts, a summary of the impact of the current work on the existing body of literature, and an overall conclusion.

Dissertation Defense

The student must present and defend the dissertation in a public forum. Notification of the dissertation defense will be provided to the Kinesiology Graduate Program Director ten business days (two calendar weeks) prior to the presentation, and will be publicly posted by the Kinesiology Graduate Program Director. Successful completion of the dissertation defense will require approval by a majority of doctoral committee members.

Time Limit

In accordance with Graduate School policy, all degree requirements must be completed within ten years from the date of initial enrollment in the doctoral program.

Kinesiology PhD Learning Outcomes

The UWM doctoral program in Kinesiology will provide students with advanced theoretical, methodological, and analytical abilities with which to create, interpret, evaluate, apply and disseminate kinesiology knowledge in their area of specialization. More specifically, the program has established the following student learning outcomes.

Upon successful completion of the PhD Kinesiology Program, students will be able to:

- demonstrate a systematic acquisition and understanding of a substantial body of knowledge which is at the forefront of Kinesiology and Public Health.
- make informed judgments on complex issues in Kinesiology and the related fields of Public Health, often in the absence of complete data,

and be able to communicate their ideas and conclusions, clearly and effectively, to specialist and non-specialist audiences.

- demonstrate the general ability to conceptualize, design and implement a project for the generation of new knowledge, applications or understanding at the forefront of Kinesiology and Public Health, and to adjust the project design in the light of unforeseen problems.
- demonstrate a detailed understanding of applicable techniques for research and advanced academic enquiry in Kinesiology and related Public Health fields of study.
- create and interpret new Kinesiology and/or related Public Health knowledge in their area of expertise, through original research or other advanced scholarship, of a quality to satisfy peer review, extend the forefront of the discipline, and merit publication.
- demonstrate the qualities and transferable skills necessary for employment in academics, industry or a clinical setting, requiring the application of personal responsibility and largely autonomous initiative in complex and unpredictable situations, in professional or equivalent environments.