

KINESIOLOGY, PH.D.

The PhD in Kinesiology requires a minimum of 60 semester hours. Some students are required to take additional hours beyond the minimum. Students may choose to take a general course of study in kinesiology or choose from four concentration areas: applied neuromechanics, exercise physiology, curriculum and pedagogy studies in physical education, and sport and exercise psychology. Students must complete a minimum of 24 hours in kinesiology, excluding dissertation hours.

In addition to the application materials required by The Graduate School, applicants must submit supplementary application materials required by the department.

Degree Program Requirements

Required: 60 credit hours

Code	Title	Credit Hours
Collateral Expertise		
The student is expected to work on research projects beyond those required in courses and to demonstrate to the faculty of the Department that progress in these endeavors is satisfactory		
Research Techniques		12
With the approval of the Advisory Committee, select a minimum of 12 credits of course work focused on research techniques		
Dissertation		12
KIN 799	Dissertation	
Electives		36
Select at least 36 credits *		

* With the approval of the Advisory Committee, the student selects at least 36 hours of course work tailored to meet his/her particular academic goals. This should include course work in a specialized knowledge base and course work in other areas of kinesiology and/or other departments. For those seeking a concentration in applied neuromechanics, exercise physiology, curriculum and pedagogy studies in physical education, or sport and exercise psychology the 36 hours are designated as follows.

Applied Neuromechanics Concentration

Code	Title	Credit Hours
Concentration Core		24
KIN 643	Mechanical Analysis of Motor Skills	
KIN 702	Research Seminar in Applied Neuromechanics	
KIN 708	College Teaching in Kinesiology	
KIN 709	Mentored Teaching in Kinesiology	
KIN 719	Muscular Aspects of Exercise Physiology	
KIN 730	Neural Aspects of Motor Control	
KIN 795	Independent Doctoral Research	
KIN 798	Doctoral Seminar in Grant Writing	
Concentration Electives		12
Select a minimum of 12 credits of course work in other areas of Kinesiology with approval of the advisor		

Exercise Physiology Concentration

Code	Title	Credit Hours
Concentration Core		9
KIN 670	Physiology of Exercise	
KIN 718	Cardiovascular Aspects of Exercise Physiology	
KIN 719	Muscular Aspects of Exercise Physiology	
Concentration Electives		12
Select 12 credits from the following:		
KIN 576	Nutrition and Physical Fitness	
KIN 650	Scientific Factors Affecting Human Performance	
KIN 667	Exercise Electrocardiography and Cardiopulmonary Medications	
KIN 668	Advanced Exercise Assessment	
KIN 669	Advanced Exercise Prescription	
KIN 675	Applied Human Work Physiology	
KIN 679	Exercise and Older Adults: Advanced	
KIN 696	Laboratory Technology in Kinesiology	
KIN 701	Research Topics in Kinesiology	
KIN 724	Physical Activity and Health	
Required Research Prior to Dissertation		6
Select a minimum of 6 credits from the following:		
KIN 695	Independent Study	
KIN 795	Independent Doctoral Research	
Additional Electives		9
Select a minimum of 9 credits of course work in other areas of Kinesiology with approval of the advisor		

Curriculum and Pedagogy Studies in Physical Education Concentration

Code	Title	Credit Hours
Concentration Core		18
Select 18 credits from the following:		
KIN 570	Development and Implementation of Fitness Programs	
KIN 571	Physical Education for Individuals with Special Needs-Advanced	
KIN 606	Workshops in Physical Education	
KIN 613	The Meaning and Significance of Physical Education	
KIN 617	Current Theories and Practice of Teaching Sports	
KIN 646	Theoretical Considerations of Physical Education for Children	
KIN 654	Seminar in Curriculum Development in Physical Education	
KIN 656	Psycho-Social Aspects of Teaching Physical Education and Sport	
KIN 657	Teacher Education in Physical Education	
KIN 658	Multiculturalism and Physical Education Curriculum	
KIN 663	Supervision of Physical Education	
KIN 735	Program Evaluation and Evidence-Based Practice in Physical Activity Programs	

KIN 707	Critical Analysis of Professional Literature in Pedagogical Kinesiology	
KIN 731	Curriculum Development in Kinesiology	
KIN 732	Analysis of Teaching and Learning	
KIN 734	Measurement Theory Applied to Pedagogical Kinesiology	
KIN 749	PE Learning and Motivation Advanced Seminar	
KIN 785	Curriculum Theory in PE Advanced Seminar	
Concentration Electives		18
Select 18 credits of 600- to 700-level electives *		

- Advancement to candidacy
- Final oral examination

* With approval of the advisor, select course work that complements the specialized knowledge base relevant to the student's academic interest and career goals.

Sport and Exercise Psychology Concentration

Code	Title	Credit Hours
Concentration Core		9
Select 9 credits from the following: *		
KIN 635	Gender Issues in Kinesiology	
KIN 644	Psychology of Sport and Exercise	
KIN 645	Exercise Psychology	
KIN 695	Independent Study	
KIN 724	Physical Activity and Health	
KIN 743	Psychological Aspects of Sport Injury	
KIN 744	Applied Sport Psychology	
KIN 745	Seminar: Social Psychology and Physical Activity	
KIN 746	Practicum in Applied Sport and Exercise Psychology	
KIN 748	Advanced Topics in Sport Exercise and Psychology	
KIN 795	Independent Doctoral Research	
Concentration Electives		27
Select a minimum of 27 credits of elective course work with approval of the advisor		

* Specialization area courses relate to the student's research focus and sport/exercise psychology interests. Course work should include advanced sport/exercise psychology courses (e.g. KIN 744 Applied Sport Psychology, KIN 745 Seminar: Social Psychology and Physical Activity, advanced topics).

Residency

The Department does not recognize summer session as part of the residency requirement for PhD students. Two consecutive 15-week semesters of study in which a student is enrolled for a minimum of 6 hours of course work each term is needed to satisfy the residency requirement. Course work taken in summer sessions may, of course, be included in a student's program.

Formal Reviews and Examinations

The student must pass each of the reviews and examinations listed below. See this catalog and the KIN Graduate web site for details.

- Approval of Plan of Study
- Preliminary examination
- Dissertation proposal approval