

# Doctor of Philosophy Education with a Concentration in Human Movement Sciences - Applied Kinesiology (PhD)

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The goal of our doctoral program is to prepare professionals with research knowledge, critical thinking skills and problem solving abilities required to be successful leaders, scholars, and educators. The program provides a solid theoretical foundation, advanced methodological training, one-on-one mentorship, and opportunities to teach undergraduate courses.

We offer a PhD in Education with a concentration in Human Movement Sciences. There are three emphasis areas within the HMS concentration. These include:

**Applied Kinesiology Emphasis** – this area focuses on Exercise Physiology and Biomechanics and prepares graduates for positions as post-doctoral research fellows, university faculty, and/or governmental research officials.

**Sport & Recreation Management Emphasis** – this area focuses on issues related to the administration of sport and recreation organizations. Graduates are prepared for careers as faculty or administrators in higher education, private organizations, public agencies, and/or other research-based institutions.

**Health & Sport Pedagogy Emphasis** – this area focuses on research, scholarship, and leadership opportunities in health and sport pedagogy. This program prepares individuals for academic positions in departments of physical education/ kinesiology at universities and colleges.

## Admission

### Admission and Entrance Requirements

Admission to the Human Movement Sciences concentration of the Ph.D. in Education is competitive and meeting the minimum requirements does not ensure admission to the program. The admissions committee reviews applications and considers a number of criteria, including a goodness of fit between student and faculty.

The deadline for applying is January 15. Applicants may be contacted to set up an interview as part of the final selection process.

Individuals interested in applying for the doctoral program with a concentration in Human Movement Sciences must submit the following:

- An application to the University. Contact the Office of Graduate Admissions for applications. Applications for graduate study can be completed online or submitted to the Office of Graduate Admissions (<http://www.odu.edu/admission/graduate/>) (757-683-3685). Apply for the Ph.D. Human Movement Sciences Concentration.
- Official transcripts of all undergraduate and graduate courses and degrees completed. To be considered for the program, applicants must have completed a Bachelor's and a Master's degree from regionally accredited colleges/universities. At least one degree should be in a related discipline to the emphasis area. A minimum GPA of 3.5 (on a 4.0 scale) for the Master's degree is required.
- Two writing samples. The first writing sample should be a research-based document that includes citations and a list of references. This

could be a submitted manuscript or published article, a summary of your thesis, or a research paper from a graduate course. The second writing sample should be a personal statement that explains your qualifications, professional and career goals, and reasons for seeking the Ph.D. In this second essay, you must also identify the potential professor(s) at ODU with whom you share common research interests.

- A current copy of your résumé or Curriculum Vitae.
- Three letters of recommendation from professional sources qualified to assess your suitability for study at the doctoral level. One letter of recommendation should be from a graduate advisor or faculty member and one should be from a current or former supervisor.
- Official GRE scores taken within the last 5 years that indicate a total score of at least 297 (1000 by former scoring standard) for both the verbal reasoning and quantitative reasoning sections and a minimum of 4.5 on the analytical writing component. While these scores are recommended, other portions of the total application package will be considered. The Sport and Recreation Management emphasis area will also accept GMAT scores of 470 or higher.
- Applicants whose native language is not English must also submit current scores for the Test of English as a Foreign Language (TOEFL) of at least 550.

After successful advancement to candidacy, all doctoral students are required to be registered for at least one graduate credit hour each term (fall, spring, and summer) until the degree is completed, including the semester in which they graduate. Failure to comply with this requirement will result in charges to the student's account for one graduate credit hour plus required fees for each semester after passing the candidacy examination. Students are not eligible for graduation until all charges are paid.

## Curriculum

Patrick Wilson, Ph.D.  
2003A Student Recreation Center  
757-683-4783

Requirements for the emphasis are as follows (minimum of 60 credits):

### Prerequisite Courses

#### Prerequisite Coursework \*

FOUN 612	Applied Research Methods in Education
FOUN 722	Introduction to Applied Statistics and Data Analysis

#### Research Core

FOUN 812	Research Design and Analysis	3
TLCI 814	Qualitative Research Design in Education	3
FOUN 822	Applied Linear Models in Educational Research	3
FOUN 823	Analysis of Variance Applied to Educational Research	3

#### Professional Preparation

Select two of the following:		6
HMS 890	Doctoral Studies Seminar	
FOUN 881	Dissertation Seminar	
TLCI 803	Theoretical Perspectives in Curriculum and Instruction	
TLCI 804	Instruction Theories and Models	

#### Applied Kinesiology Emphasis

EXSC 827	Advanced Biomechanics	3
EXSC 830	Advanced Cardiovascular Exercise Physiology	3
EXSC 838	Exercise Endocrinology	3
EXSC 840	Ergogenic Aids in Sport and Human Performance	3
HMS 897	Independent Study in Human Movement Sciences	3

#### Electives \*\*

Select three of the following:		9
BME 821	Mathematical Modeling in Physiology	
BIOL 816	Endocrinology	
BIOL 824	Neuromuscular Physiology	
BIOL 889	Gross Anatomy	
<b>Dissertation Capstone Courses</b>		
HMS 899	Dissertation	12
<b>Total Credit Hours</b>		<b>54</b>

- + A master's degree in an appropriate field related to this concentration is required for regular admission to the Ph.D. in human movement science.
- \* Students who do not have equivalent coursework or appropriate educational experiences must complete these prerequisite courses.
- \*\* Substitute other courses by permission of advisor.

## Additional Requirements

### Continuance and Exit Requirements

Students completing the program of study must:

- Have an overall grade point average of 3.0 or higher
- Satisfy all course competencies
- Pass comprehensive examinations
- Complete a dissertation
- Have an exit interview with the program director
- File the necessary paperwork for graduation