

EXERCISE PHYSIOLOGY - PH.D.

College of Education, Health and Human Services
School of Health Sciences
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Kent Campus
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Description

The Ph.D. degree in Exercise Physiology prepares students for a wide variety of career options, including exercise prescription and research. The program develops the competencies needed for those who intend to teach exercise physiology, pursue research or apply exercise physiology in practice.

Fully Offered At:

- Kent Campus

Accreditation

Commission on Accreditation of Allied Health Education Programs

Admission Requirements

- Master's degree from an accredited college or university for unconditional admission
- Previous degree in exercise science or equivalent preparation for unconditional admission
- Minimum 3.000 graduate GPA on a 4.000 point scale (minimum 3.500 GPA is recommended) for unconditional admission
- Official transcript(s)
- GRE or MCAT score of the 50th percentile
- Goal statement
- Two letters of recommendation
- Interview
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
 - Minimum 550 TOEFL PBT score (paper-based version)
 - Minimum 79 TOEFL IBT score (Internet-based version)
 - Minimum 77 MELAB score
 - Minimum 6.5 IELTS score
 - Minimum 58 PTE score

For more information about graduate admissions, please visit the Graduate Studies admission website. For more information on international admission, visit the Office of Global Education's admission website.

Program Learning Outcomes

Graduates of this program will be able to:

1. Present their research data regionally and nationally at conferences.

2. Publish their research data in peer reviewed publications.
3. Teach classes associated with exercise physiology.
4. Work in the field and implement community-based exercise programming.

Program Requirements

Major Requirements

[PHD-EXPH]

Code	Title	Credit Hours
Major Requirements		
BSCI 70142	BIOENERGETICS	3
or CHEM 70261	PRINCIPLES OF BIOCHEMISTRY I	
or CHEM 70262	PRINCIPLES OF BIOCHEMISTRY II	
EXPH 73050	RESEARCH PROCESSES IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY	3
EXPH 73051	QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY	3
EXPH 73095	RESEARCH SEMINAR ¹	2
EXPH 83098	RESEARCH	12
EXPH 83199	DISSERTATION I ²	30
Exercise Physiology Electives, choose from the following:		6
EXPH 75075	MUSCLE FUNCTION AND EXERCISE	
EXPH 75076	ENVIRONMENTAL STRESS AND EXERCISE	
EXPH 75083	EXERCISE ENERGY METABOLISM	
EXPH 75084	CARDIOVASCULAR-RESPIRATORY DYNAMICS DURING EXERCISE	
Physiology Electives, choose from the following:		6
BMS 70462/ BSCI 80462	NEUROBIOLOGY: SYSTEMS AND BEHAVIOR	
EXPH 70610	PHYSIOLOGY OF AGING:IMPLICATIONS FOR HUMAN BEHAVIOR	
Additional electives as approved by faculty advisor		
Minimum Total Credit Hours:		65

¹ Students must enroll in EXPH 73095 for two semesters.

² Upon admission to candidacy, each doctoral candidate must register for EXPH 83199. It is expected that a doctoral candidate will continuously register for Dissertation I for a total of 30 credit hours, and thereafter EXPH 83299, each semester (including summer) until all requirements for the degree have been met. The dissertation must show that the student has the competency to conduct research in a discriminating and original manner. The quality of the dissertation must be such that one or more articles acceptable for publication in a professional journal may be expected to be derived from it.

Candidacy Examination

Students will be required to pass an oral and written candidacy examination after coursework is completed before beginning their dissertation. Prior to taking the candidacy examination, the student must demonstrate his or her ability to conduct independent research related to the field of exercise physiology. This may be in the form of a completed thesis, an independent study project or an article published in an acceptable research journal. The acceptability of such evidence is to be determined by faculty advising students in exercise physiology.

Graduation Requirements

Only in rare instances does a student fulfill the educational and research expectations within the minimum-credit-hour requirement for this degree. Any deficiencies in a doctoral student's academic preparation must be corrected very early in the approved academic program.