

Exercise Science Ph.D. Guidelines

Admissions

The following are the criteria for admission to the Ph.D. in Human Performance:

- Expected GRE score of 1000 (combined verbal and quantitative)
- 3.0 GPA on last 60 credit hours of academic work (masters + bachelors)
- 3 letters of recommendation
- A 400 word essay (that addresses the intended area of specialization)
- Research skills; 6 credit hours of statistics/research methods equivalent to HPER 6700 and 6610 (*Students may be admitted without these skills, however, it will be treated as a deficiency and the candidate will be expected to complete HPER 6700 and 6610*)
- Masters degree (bachelor or masters degree must be in a related area)

Transfer Credit

A maximum of 12 credit hours may be transferred in from a student's Masters program or other graduate course work into the Exercise Science Specialization of the Human Performance Ph.D. Nine of those credit hours may count in the Exercise Science Specialization area of the student's plan of study while three may count in any other area of the degree program that is appropriate.

All courses to be brought into the Exercise Science Specialization of the Human Performance Ph.D. must be approved by the Exercise Science faculty prior to inclusion in a student's plan of study. The following may be used as general guidelines, when reviewing courses for inclusion in the Ph.D. plan of study:

- Courses are to be at the 6000 level or higher. (A possible exception would be a 5000 level course that was taken at an institution that does not offer 6000 level or higher courses.)
- Pass-Fail courses are NOT appropriate for transfer credit into the Exercise Science Specialization of the Human Performance Ph.D.
- Courses that are cross-listed at the undergraduate and graduate level are not appropriate for transfer into the Exercise Science Specialization of the Human Performance Ph.D.
- Courses must be deemed appropriate by Exercise Science Faculty for the student's plan of study and content related to Exercise Science.
- Independent studies will not be reviewed as possible transfer credit unless a final product is available for review by the Exercise Science faculty. The topic of the independent study must relate to content areas in Exercise Science (example, Laboratory Research).

No course will automatically be accepted into a student's PH.D. plan of study!

Plan of Study

The student will construct a plan of study for the specialization in Exercise Science in the Human Performance Ph.D. in consultation with assigned advisor to total a minimum of **60** credit hours**. Course work is divided into the following blocks:

10 credit hours of **pedagogy**

15 hours of **research tools**

23 hours in coursework and independent research area of **specialization (Exercise Science)**

12 credit hours of **dissertation**

**** Two-thirds of the program of study must be at the 7000 level.**

A. Pedagogy

HPER 7600 Practicum in Human Performance ** 2 cr.

HPER 7610 Practicum in Human Performance ** 2 cr.

Choose two of the following:

SPSE 7540 Overview of Higher Education 3 cr.

SPSE 7550 Instructional Development in Higher Education 3 cr.

FOED 7520 Problems of Evaluation in Higher Education 3 cr.

FOED 7560 Seminar in College Teaching 3 cr.

Total 10 cr.

**** To be served in Exercise Science course/area.**

B. Research Tools

HPER 7700 Advanced Data Analysis and Org. in Human Perf. 3 cr.

HPER 7710 Experimental Design in Human Performance 3 cr.

HPER 7030 Research Seminar in Human Performance 3 cr.

Choose 6 additional hours (2 courses) from statistics, research design, and data analysis in consultation with the student's graduate program advisor.

6 cr.

Total 15 cr.

C. SPECIALIZATION

A total of 23 hours of coursework and independent research is to be selected in consultation with the graduate advisor.

(HPER 7060 Field Work and Laboratory Experiment required.) ##

Total 23 cr.

D. DISSERTATION

HPER 7640 Dissertation Research

Total 12 cr.

Degree Total 60 cr.

This is to be a research-based project that produces a final product that will be submitted for publication. The Exercise Science Faculty and the University's IRB must approve the topic for this project prior to data collection.

EXERCISE SCIENCE SPECIALIZATION

*******THIS IS ONLY A DRAFT AND IS SUBJECT TO CHANGE*******

Choose a total of 23 credits from the following list (remember, a total of 40 credits in the program must be at the 7000 level):

EXSC 6650 Physiological Basis of Human Performance
EXSC 6830 Measurement in Exercise and Sport *
EXSC 6840 Advanced Principles of Exercise Prescription and Assessment
EXSC 6880 Special Project**
EXSC 6890 Seminar in Exercise Science and Health Promotion
EXSC 6910 Independent Study in Health, Physical Education, and Recreation**
EXSC 7200 Applied Human Movement Physiology
EXSC 7100 Mechanical Analysis of Sports Skills
PHED 7060 Field Project

HLTH 6500 Pathopharmacology
HLTH 6850 Methods in Epidemiology
HLTH 7120 Research in Epidemiology *

PHED 7090 Motor Learning in Physical Education
PHED 7010 Analysis and Criticism of Professional Literature

NFS 6200 Metabolism of Carbohydrates, Lipids, and Proteins
NFS 6210 Vitamin and Mineral Metabolism

BIOL 6180 Mammology
BIOL 6270 Cell Metabolism

CHEM 6510 Biochemistry II

NURS 6051 Electrocardiography for Critical Care Nursing

Additional courses may be added in consultation with the exercise science faculty

* Only an option if not used in the research tools area

** Either EXSC 6880 or EXSC 6910