

DOCTORAL DEGREE REQUIREMENTS

General policies for all University of Oklahoma doctoral programs are available in the [Graduate College Bulletin](#).

DOCTOR of PHILOSOPHY

D148

MAJOR: Cellular and Behavioral Neurobiology: Exercise Physiology

Program effective **Summer 2019**

COURSEWORK REQUIREMENTS

Interdisciplinary Research Core

- HES 6970 Seminar in Health and Exercise Science..... 3 hours
- HES 6990 Independent Study in Health and Exercise Science 3 hours
- Graduate Statistics 6 hours
- Total.....12 hours**

Extended Core for Exercise Physiology

- Physiology (PHYO)/Biology (BIOL):*
6 graduate hours in PHYO **or**
Two of the following BIOL courses: G3103, 5153, 5813, 5863 **or**
Two 3-hour graduate physiology courses as approved by doctoral advisory committee 6 hours
- CHEM G3653 Introduction to Biochemistry 3 hours
- HES 6823 Cardiorespiratory Exercise Physiology 3 hours
- HES 6833 Human Body Composition 3 hours
- HES 6843 Neuromuscular Physiology 3 hours
- HES 6883 Endocrinology and Metabolism of Exercise 3 hours
- Total.....21 hours**

Cellular and Behavioral Neurobiology Core

- BIOL 5833 Neurobiology 3 hours
- BIOL 5871 Current Topics in Neurobiology 1 hour
Including 2 presentations
- HES 6990 Independent Study in Health and Exercise Science.....6-9 hours
2-3 lab rotations in CBN-affiliated labs
- Total.....10-13 hours**

- Electives** **32-35 hours**
Electives and transfer credit (including from a completed master’s degree) as approved by the doctoral advisory committee and as needed to complete 90 hours beyond the baccalaureate degree.

Dissertation Research

- HES 6980 Research for Doctoral Dissertation **12 hours**

- TOTAL.....90 hours**