DOCTORAL DEGREE REQUIREMENTS

General policies for all University of Oklahoma doctoral programs are available in the Graduate College Bulletin.

DOCTOR of PHILOSOPHY

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