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 Fall 2018

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, 5833, 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