

ENDOCRINOLOGY- REPRODUCTIVE PHYSIOLOGY, DOCTORAL MINOR

The Endocrinology and Reproductive Physiology (ERP) Program is a multidisciplinary degree-granting program designed to promote research in both endocrinology and reproductive biology, to provide training and experience for pre- and post-doctoral students interested in these fields, and to provide training in problems of endocrine physiology and reproductive physiology in animals and humans. The program trains master's and Ph.D. candidates for teaching and research careers in all aspects of the interrelated fields of endocrinology and reproductive physiology—basic, clinical and translational. Students have access to a full range of research facilities throughout campus.

The multidisciplinary research and the diverse interests of the faculty make possible many approaches to the study of both endocrinology and reproduction, providing the individual student with a wide selection of research training experiences. Research opportunities are available, but not limited to: endocrine molecular signaling, endocrine physiology in body function and dysfunction, stem-cell programming, gamete and embryo biology, pregnancy, lactation, neuroendocrinology and placenta development. Research models range from molecular and cellular all the way to whole animal including nonhuman primates and humans.

A doctoral minor in Endocrinology and Reproductive Physiology may augment the training for Ph.D. students in a variety of biological sciences research fields. Students may seek greater exposure to clinical and translation research, and the human health implications of their Ph.D. research; may want to learn more about pregnancy and development so as to consider the potential effects of an agent (e.g., a pharmaceutical or toxicological agent) on human development; may want to consider how changes to one system might affect another; etc. Due to its relevance across a wide range of research areas, as well as our unique courses (<http://erp.wisc.edu/current-students/course-offerings/>) on endocrinology, reproduction, pregnancy, and development, an ERP doctoral minor is one of the more popular doctoral minors relevant to biomedical sciences at UW-Madison.

For more information on ERP's doctoral minor, you can view our doctoral minor form (https://erp.wiscweb.wisc.edu/wp-content/uploads/sites/407/2017/12/ERP-Minor_2017.doc) and contact the graduate coordinator (see Contact Information in sidebar).

If you are interested in obtaining a distributed minor (Option B), you can work with your major department to ensure that courses you take through the ERP program can count toward your doctoral minor.