

Ph.D. Course Requirements

Core Course Requirements

- A. 3-4 credits of Statistics
Statistics 571 (4 cr, Fall) or Statistics 541 (3 cr, Fall)
- B. 3 credits in Endocrinology
**Endocrine Physiology, Animal Sciences 875 (3 Cr, Fall)
- C. 9 credits in Biochemistry (PhD)
 - 1. **Biochemistry 507 (3 cr, Fall)
 - And
 - 2. Biochemistry 508 (3 cr, Spring)

3 credits or more in Biochemistry/Cell signaling.

- 3. **Biochemistry 630 (3 cr, Fall) or Neuroscience 610 (4 cr)

Note: If pre-qualified in Biochemistry, candidate should seek a waiver from 507 and 508 from Program Director. We do not recommend taking courses marked ** at the same time.

- D. Professional Development
*Surgical Sciences 812 (2 cr, Fall) or Nursing 803 (1 cr, Spring)
- E. ERP Program Seminar (1 cr.)
*Animal Sciences 954, Ob/Gyn 954, Zoology 954

Additional Elective Requirements: to PhD standard as needed *and per committee approval*

- F. Further credits of Relevant more specialized study in Biochemistry, Cell Biology, Endocrinology or Reproduction. Choices will depend on project and career needs, but should be made with the approval of your advisor and committee.
- G. Other – selections as approved per Certification Committee
 - 1. Advanced Statistics – as per project design – eg Stats 572, Stats 542, BMI 511
 - 2. Advanced Topics Courses – designed to be at the cutting edge. As advised by committee and of relevance to studies