LEARNING OUTCOMES:
BIOLOGY: ECOLOGY,
ETHOLOGY, & EVOLUTION,
PHD

Learning Outcomes for the degree of Doctor of Philosophy in Biology,
Ecology, Ethology and Evolution concentration

Since the subject matter of our Program is interdisciplinary and broad,
there is no one set of subject-based learning outcomes that is suitable
for the evaluation of our graduate students. Instead, we will focus on
appropriate research and professional development skills.

1. Design and implement independent research and integrate and
   apply core knowledge related to their field in 3 core areas out of
   6 (behavior, conservation biology, ecology, evolution, genetics/
genomics, physiology/ anatomy)
2. Demonstrate effective oral and written communication skills
   a. Presentations
   b. Publications
   c. Grant writing
3. Apply rigorous statistics/analytical methods that typify their area of
   study
4. Professional skills
   a. Data management
   b. Citation management
   c. Mentoring
   d. Ethics
   e. Professionalism
   f. Networking
5. Teaching experience