

# LEARNING OUTCOMES: PLANT BIOLOGY, PHD

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Learning Outcomes for the degree of Doctor of Philosophy in Plant Biology

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1. Design and implement independent research and integrate and apply core knowledge related to their field in 3 approved core areas out of 9 (anatomy, biochemistry, development, ecology, evolution, genetics, molecular biology, physiology, and systematics)
2. Demonstrate effective oral and written communication skills
  - a. Presentations
  - b. Publications
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