

Required Courses for  
Graduate Students in the  
*Ecology and  
Evolutionary Biology (EEB)*  
Section of SoLS

## EEB Section – School of Life Sciences

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## EEB – Required Courses

- BIO 701 – *Ethics in Scientific Research*  
(1 credit)  
(Students must take this course once during their first year in the Program.)
- BIO 793 – *Advanced Topics in Ecology and Evolution* (1–2 credits)  
(Students must take this course once during their first two years in the Program.)

## EEB – Required Courses

- All EEB graduate students who joined the Program in Fall 2008 or later must also take at least three (3) of the following eight (8) courses.

## EEB – Required Courses

- BIO 714 – *Population Genetics* (3 credits)
- BIO 743 – *Ecological Plant Physiology* (3 credits)
- BIO 745 – *Arid Zone Soils* (3 credits)
- BIO 748 – *Environmental Physiology* (3 credits)

## EEB – Required Courses

- BIO 781 – *Population and Evolutionary Ecology* (3 credits)
- BIO 783 – *Community and Ecosystem Ecology* (3 credits)
- BIO 784 – *Conservation Biology* (3 credits)
- BIO 786 – *Bioenergetics* (3 credits)

## EEB – Coursework

- Students are strongly encouraged to take courses in diverse areas. For example:
  - an ecophysiologicalist will benefit from learning concepts of ecology or conservation biology;
  - an evolutionary biologist or systematist will profit by becoming familiar with ideas of community/ ecosystem ecology or ecophysiology, and
  - a community or ecosystem ecologist may want to branch out in one of two directions, evolutionary or ecophysiological.

## EEB – Coursework

- A student's Advisory Committee may require the individual to take specific courses, depending on the person's background and research objectives.