

# Graduate courses

## Core curriculum

Students must complete a minimum of 5 core courses during their first six academic quarters.

Two of those courses are required graduate level courses that all students must take: Quantitative Methods (E207) and Writing Grant Proposals (E204).

In addition students must take one course each in the areas of Physiology, Ecology, and Evolution.

Although all three courses can be taken at the graduate level, one of the three courses may be taken as an upper division undergraduate course in a field in which students have not taken any previous undergraduate courses.

*If a student wishes to request an exception (an exemption or substitution), s/he must submit a written request to the Graduate Advisor. Once approval has been given, the student must submit a General Petition found at <http://www.grad.uci.edu/forms/index.html> to Graduate Division.*

## 2014-2015 Offerings of Approved Core Curriculum Courses

### Physiology, Undergraduate courses

E109 (Human Physiology): Fall 2014, Winter 2015 and Spring 2015

E127 (Physiological Plant Ecology): not offered in 2014-15

E138 (Comparative Animal Physiology): not offered in 2014-15

E145 (Animal Coloration and Vision): Winter 2015

E170 (Mechanical Physiology): not offered in 2014-15

E188 (Insect Physiology): not offered in 2014-15

### Physiology, Graduate courses

E208 (Ecological and Evolutionary Physiology): Fall 2014

(Note: offered every other year)

E227 (Physiological Plant Ecology): Fall 2014

(Note: offered every other year)

Physio 206 (Intro Medical Physiology): *odd schedule; intensive and take most of the year to complete; see Tim Bradley or Jim Hicks if interested*

Anatomy 201 (Human Gross Anatomy): *odd schedule; intensive and take most of the year to complete; see Tim Bradley or Jim Hicks if interested*

### Ecology, Undergraduate courses

E118 (Ecosystems Ecology): Winter 2015

E151 (Pop Dynamics in Ecology, Epidemiology, and Medicine): Spring 2015

E166L (Ecology Lab): Fall 2014

E186 (Population and Community Ecology): not offered in 2014-15

### **Ecology, Graduate courses**

E205 (Special Topics in Ecology): Spring 2015  
E251 (Pop Dynamics in Ecology, Epidemiology, and Medicine; concurrent with E151): Spring 2015

### **Evolution, undergraduate courses**

E135 (Molecular Evolution): not offered in 2014-15  
E137 (Genetics of Complex Traits): Winter 2015  
E153 (Functional and Structural Evolutionary Genomics): Spring 2015  
E154 (Genetics & Human History): Winter 2015  
E168 (Advanced Evolutionary Biology): Spring 2015

### **Evolution, Graduate course**

E206 (Special Topics in Evolution): not offered in 2014-15

## **Departmental seminar series**

Most quarters there is a Departmental Seminar Series (Eco Evo 201), where seminars are presented by research scientists from UCI as well as other universities. All graduate students are strongly encouraged to attend these seminars.

## **Advanced graduate courses**

The department offers advanced graduate seminar courses (eg: 210, 221, 223, 235, 285) in evolution, ecology, statistics and comparative physiology.

## **University teaching**

If you are a teaching assistant for a class, you can sign up for Eco Evo 399 (University Teaching) for 4 units.