# EVOLUTION, ECOLOGY AND BIODIVERSITY
## REQUIREMENTS FOR GRADUATION FOR CATALOG 2012-2014

## MINOR PROGRAM REQUIREMENTS
**18+ UNITS TOTAL**

Student: ____________________________

## REQUIRED DEPTH SUBJECT MATTER:

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<tr>
<th>Course</th>
<th>Units</th>
<th>Grade</th>
<th>Grade Points</th>
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<tbody>
<tr>
<td>EVE 100</td>
<td>4</td>
<td></td>
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<tr>
<td>EVE 101</td>
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**Biodiversity (Choose one course)**

3-5 Upper Division Units

WFC 110, 110L*, 111, 111L*, 120, 120L*; **MIC 105, 105L**; NEM 110

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*‡ These courses cannot be taken without the corresponding lecture course.

**Advanced Evolution and Ecology (Choose two courses)**

6-9 Upper Division Units

EVE 102, 103, 104, 107, 115, 117*, 119*, 120, 131, 138, 141, 147, 149, 150, 180A* and 180B*, 181

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*Laboratory or Field Course:
At least one of the courses, or a combination of two of the courses, taken to fulfill this requirement must include a laboratory or field component (2 units total). Appropriate courses from the above lists are indicated with an asterisk. *(Please note that some asterisked courses only constitute a 1 unit lab or field component; choosing these 1 unit lab/field courses means that the student will need to complete TWO such courses.)*

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**Additional courses**, if necessary, from above course lists to reach 18 unit total:

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**Total:**

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<th>Units</th>
<th>Grade Point Average for the Minor</th>
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Evolution, Ecology and Biodiversity:
General Guidelines for the EEB Minor Program

EEB Minor Checklist:

~ File a Petition to Declare a Minor in the College of Biological Sciences office, 202 Life Sciences. This form is available in the EVE office, online and at 202 Life Sciences.
~ The minor must be outside the department or program of the major.
~ Major and Minor Advisors must both sign the petition to verify courses listed.
~ List only required upper division courses for the Major and all courses required for the Minor on the Petition.
~ Only one course may overlap between Major and Minor.
~ Students must complete 18-24 upper division units in given course list or receive consent of minor department advisor.
~ Students must have an overall 2.0 GPA from courses taken in the minor.
~ For specific deadlines, see the Academic Calendar in the General Catalog.

EEB Minor Requirements:

Overall:
~ Complete a minimum of 18 upper division units.
~ Complete 8 upper division units from EVE 100 and EVE 101.
~ Complete one course in the Biodiversity area below.
~ Complete two courses in the Advanced Evolution and Ecology area below.
~ Complete at least 2 units of laboratory or field coursework.

Required Depth Subject Matter:
EVE 100 (4 units): Introduction to Evolution
EVE 101 (4 units): Introduction to Ecology

Biodiversity (1 course)
ENT 103 (3 units): Insect Systematics
EVE 105 (4 units): Phylogenetic Analysis of Vertebrate Structure
EVE 108 (4 units): Systematics and Evolution of Angiosperms
EVE 112 and 112L (3, 2 units): Invertebrate Zoology and Lab
EVE 114 (3 units): Experimental Invertebrate Biology
EVE 134, 134L (3, 2 units): Herpetology, Lab
EVE 140 (4 units): Paleobotany
MIC 105 and 105L (3 units): Bacterial Diversity and Lab
NEM 110 (2 units): Introduction to Nematology
PLB 116 (5 units): Plant Morphology and Evolution
PLB 147 (4 units): Survey of Plant Communities of California
PLB 148 (4 units): Introductory Mycology

Advanced Evolution and Ecology (2 courses)
EVE 102 (4 units): Population and Quantitative Genetics
EVE 103 (4 units): Phylogeny and Macroevolution
EVE 104 (4 units): Community Ecology
EVE 107 (4 units): Animal Communication
EVE 115 (4 units): Marine Ecology
EVE 117 (4 units): Plant Ecology
EVE 119 (3 units): Population Biology of Weeds
EVE 120 (3 units): Global Change Ecology
EVE 131 (3 units): Human Genetic Variation and Evolution
EVE 138 (5 units): Ecology of Tropical Latitudes
EVE 141 (3 units): Principles of Systematics
EVE 147 (4 units): Biogeography
EVE 149 (4 units): Evolution of Ecological Systems
EVE 150 (3 units): Evolution of Animal Development
EVE 180A and 180B (4, 4 units): Experimental Ecology and Evolution in the Field
EVE 181 (4 units): Ecology and Evolution of Animal-Plant Interactions

For more information, please see Minor Program Requirements sheet, and/or contact Sheri Mann, Undergraduate Advisor, EEB, smmann@ucdavis.edu or (530) 752-8523.