

Ecology and Evolutionary Biology Designated Emphasis Plan

Complete this checklist and return it to the Ecology and Evolutionary Biology Graduate Program Coordinator to enroll in the Designated Emphasis.

Name: _____ Email: _____

Major Department: _____ Major Advisor: _____

Complete the following checklist to enroll in the EEB Designated Emphasis.

1. **Major Department:** Discuss with your primary faculty advisor and the graduate program coordinator/advisor your intention to enroll in the EEB Designated Emphasis (DE). Your home department will be notified of your enrollment in the EEB DE, and only registered students in good standing will be approved.
2. **Advisor:** An EE Biology faculty member is required to act as your DE Faculty Advisor. They will serve on your qualifying examination committee, and on your dissertation reading committee, and will review your coursework plan below.

EE Biology Faculty Advisor Name: _____

3. **Coursework Requirements:** You must complete the following coursework in order to satisfy the requirements for the EEB DE.

- BIOE 279 Evolutionary Ecology (5 credits)
- BIOE 200B Advanced Organismal Biology (5 credits)

1. BIOE 279 Quarter/Year to be taken: _____
2. BIOE 200B Quarter/Year to be taken: _____

- Attend EEB department seminars (enroll in BIOE 294, 2 credits) for one quarter
- Attend a lab group seminar course (enroll in BIOE 281, 2 credits) for one quarter
- Take at least two courses from any other graduate or appropriate upper division courses in Biology, for example:

BIOE 293	Readings in Ecology and Evolution (2 credits)
BIOE 295	Special Advanced Topics in Ecology and Evolution (2 credits)
BIOE 272	Population Genetics (5 credits)
BIOE 233	Exercise Physiology (5 credits)
BIOE 148	Quantitative Ecology for Conservation (5 credits)
BIOE 252	Community Ecology (5 credits)
BIOE 208	Marine Ecology (5 credits)
BIOE 245	Plant Ecology (5 credits)
BIOE 274	Evolutionary Game Theory (5 credits)
BIOE 286	Experimental Design and Data Analysis (5 credits)

Course 1: _____ Qtr/Yr to be taken: _____

Course 2: _____ Qtr/Yr to be taken: _____

Ecology and Evolutionary Biology Designated Emphasis Plan

In all, students will be expected to complete at least 20 credits of EEB coursework. Courses taken to fulfill graduate requirements within the home department will not count toward the Designated Emphasis requirements.

Have a designated graduate advisor from among the faculty of the EEB department, who commits to serve on the qualifying exam committee and on the Ph.D. dissertation reading committee.

Signatures:

By signing this form, you agree to participate in the Designated Emphasis for Ecology and Evolutionary Biology, and ensure your catalog rights by the date signed.

Student Signature

Date

EEB DE Advisor's Signature: By signing below, the faculty member has agreed to act as your DE advisor, to participate in your committees, and has reviewed your coursework plan.

EEB Advisor Signature

Date

Upon completion of the Designated Emphasis requirements, bring the following to the EEB Graduate Program Coordinator (COH Room 105, Long Marine Lab):

1. This form, signed below by your EEB DE advisor;
2. A copy of your unofficial transcript

After verification, the Graduate Division and your home department will be notified of your completion of the Designated Emphasis in Ecology and Evolutionary Biology.

Signatures below verify that this student has completed the EEB Designated Emphasis requirements.

1. EEB DE Advisor: _____ / _____
2. EEB Graduate Coordinator: _____ / _____
3. EEB Graduate Rep: _____ / _____

Requirements for the EEB Designated Emphasis

To receive a parenthetical notation in Ecology and Evolutionary Biology (hereafter EEB), graduate students must complete the following requirements, in addition to the degree requirements for the doctorate in their home department:

1. Take the following EEB core courses (required for all EEB graduate students):

BIOE 279 Evolutionary Ecology (5 credits)

BIOE 200B Advanced Organismal Biology (5 credits)

2. Attend EEB department seminars (enroll in BIOE 294, 2 credits) for one quarter

3. Attend a lab group seminar course (enroll in BIOE 281, 2 credits) for one quarter

4. Take at least two courses from any other graduate or appropriate upper division courses in Biology, for example:

BIOE 293 Readings in Ecology and Evolution (2 credits)

BIOE 295 Special Advanced Topics in Ecology and Evolution (2 credits)

BIOE 272 Population Genetics (5 credits)

BIOE 233 Exercise Physiology (5 credits)

BIOE 148 Quantitative Ecology for Conservation (5 credits)

BIOE 252 Community Ecology (5 credits)

BIOE 208 Marine Ecology (5 credits)

BIOE 245 Plant Ecology (5 credits)

BIOE 274 Evolutionary Game Theory (5 credits)

BIOE 286 Experimental Design and Data Analysis (5 credits)

5. In all, students will be expected to complete at least 20 credits of EEB coursework. Courses taken to fulfill graduate requirements within the home department will not count toward the Designated Emphasis requirements.

6. Have a designated graduate advisor from among the faculty of the EEB department, who commits to serve on the qualifying exam committee and on the Ph.D. dissertation reading committee.