

2009-2010 BACHELOR OF SCIENCE--BIOLOGICAL SCIENCES MAJOR AREAS OF EMPHASIS: EEB, MRB, PLB

Name: _____

ID: _____

Note: Although a course may be listed in more than one category, that course may satisfy only one requirement.

EVOLUTION, ECOLOGY AND BIODIVERSITY AREA OF EMPHASIS (12 units)

Students choose to complete Biological Sciences 105 or 102+103 for this emphasis.

Completed

Field Requirements:

Field A = EVE 100 _____

Field B = EVE 101 _____

Units Grade GPB

1. At least 12 units including at least one course from each of the following two groups

a. *Biodiversity*: ENT 103; EVE 105*, 106*, 108*, 112, 112L*, 114*, 134, 134L*, 134F*, 140*; MIC 105, 105L*; NEM 110; PLB 116*, 118*, 147*, 148*; WFC 110, 110L*, 111, 111L*, 120, 120L*

b. *Advanced Evolution and Ecology*: EVE 102, 103, 107, 115, 117*, 119*, 138, 141, 147, 149, 150, 180A*, 180B*

2. *Laboratory/ Fieldwork Requirement*: Included in the above 12 units, complete a total of 2 units or a total of 6 hours/week of fieldwork or laboratory work. Acceptable courses for this requirement are identified above by an asterisk (*).

TOTAL FOR EEB AREA

PLANT BIOLOGY AREA OF EMPHASIS (14-17 units)

Students choose to complete Biological Sciences 105 or 102+103 for this emphasis. A course may be listed in more than one area or field requirement, but may be used to satisfy only one area or field requirement.

Select one course from each of the following four areas.

Units Grade GPB

1. *Anatomy and morphology*: EVE 140; PLB 105, 116, 118.

2. *Physiology, development and molecular biology*: PLB 111, 112, 113; PLP 130.

3. *Evolution and ecology*: EVE 100, 117; PLB 117, 143.

4. *Laboratory requirement*: BIT 161A, 161B; EVE 108; PLB 105, 108, 116, 118, 148; PLP 148. (No double-dipping)

TOTAL FOR PLB AREA

MARINE BIOLOGY AREA OF EMPHASIS (13-19 units)

Students choose to complete Biological Sciences 105 or 102+103 for this emphasis.

Completed

Field Requirements:

Field A = EVE 100 _____

Field B = EVE 101 _____

Field D = NPB 102

or 141 _____

Units Grade GPB

1. *Ocean Processes*: At least 3 units from BIS 122; ESP 124, 152, ESP/GEL 116N, 150A, 150B, 150C; EVE 115; WFC 157.

2. *Marine Organismal Biology*: At least 3 units from ANS 119, 131; EVE 106, 110, 112+112L, 114; NPB 141; PLB118; WFC 120+120L, 121.

3. *Immersion Requirement*: Complete one of the three options listed below (7-10 units) taken during the spring quarter or summer sessions at Bodega Marine Laboratory or equivalent; requires residence at Bodega Marine Laboratory

Option 1: Complete a, b and c:

a. One course from ESP 124, 152; EVE 106, 110, 114; GEL 150C

_____ 3 _____

b. BIS 124 3 _____

c. ESP/EVE 111 1 _____

Option 2: ETX/NUT 127 10 _____

Option 3: Choose one course from each of the following two groups:

a. BIS 122; NPB 141

_____ 3 _____

b. BIS 122P; NPB 141P

_____ 5 _____

TOTAL FOR MRB AREA

Note: Although a course may be listed in more than one category, that course may satisfy only one requirement.

Deficiencies/Comments: _____

Quarter/Initials/Date: _____