### BACHELOR OF SCIENCE (B.S.) WORKSHEET 2019–20

**LOWER-DIVISION / PREPARATION FOR MAJOR** (1st and 2nd years)

#### Environment Studies Program, UCSB

**Culture, Society, Policy & Politics:**

- Any course from list: Anth. 2 or Geog. 5
- or Global St. 1 or 2
- or History 5 or 7
- or Poli. Sci. 6 or 7
- or 12 or Psychology 1
- or Religious St. 1 or 14
- or Sociology 1

**Chemistry 1A/AL**

**Physics 6A/AL**

**Chemistry 1B/BL**

**Physics 6B/BL**

**Chemistry 1C/CL**

**Physics 6C/CL**

**AND EITHER:**

- MCDB 1A (F qtr)*
- MCDB 1B (W qtr)*
- EEMB 2 (W qtr)*
- EEMB 3 (F qtr)*

**Total = 16 units**

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**MCDB 1A (F qtr)***

**MCDB 1B (W qtr)***

**EEMB 2 (W qtr)***

**EEMB 3 (F qtr)***

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**ANY**

**OR**

- MCDB 1AL and 1BL or EEMB 2L and EEMB 3L

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**Environmental Studies 190**

**Environmental Studies Program History**

**Environmental Studies Program, UCSB**

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**B. ES ELECTIVES** (32 UNITS of U.D. ES courses)

**Section B-1:** 20 Units must be taken from this list: ES 103A*, 105, 111*, 113*, 114A*, 114B*, 119*, 120A, 120B, 121, 128*, 133*, 134, 141, 142, 144*, 147, 149*, 152*, 154, 157, 158*, 162*, 163A, 163B, 166AT*, 166DC, 166FP*, 167*, 168*, 169*, 171*, 193CF, 193CS, 193EB, 197*

* denotes a cross-listed course that may be taken through other dept.

1. 

2. 

3. 

4. 

5. 

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**Section B-2:** Any 12 UD units of ES courses #100-199 excluding units used to fulfill Area A or the first 20 units applying to section B-1.

6. 

7. 

8. 

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**Total = 32**

**Note:** No more than 4 units each of ES 192, 194, 199, 199RA and no more than 8 units combined may apply. By petition up to 12 UD units of EAP may apply.

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**B. ES ELECTIVES** (32 UNITS of U.D. ES courses)

**Section B-1:** 20 Units must be taken from this list: ES 103A*, 105, 111*, 113*, 114A*, 114B*, 119*, 120A, 120B, 121, 128*, 133*, 134, 141, 142, 144*, 147, 149*, 152*, 154, 157, 158*, 162*, 163A, 163B, 166AT*, 166DC, 166FP*, 167*, 168*, 169*, 171*, 193CF, 193CS, 193EB, 197*

* denotes a cross-listed course that may be taken through other dept.

1. 

2. 

3. 

4. 

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**Section B-2:** Any 12 UD units of ES courses #100-199 excluding units used to fulfill Area A or the first 20 units applying to section B-1.

6. 

7. 

8. 

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**Total = 32**

**Note:** No more than 4 units each of ES 192, 194, 199, 199RA and no more than 8 units combined may apply. By petition up to 12 UD units of EAP may apply.

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**C. OUTSIDE CONCENTRATION** (16 UNITS)

**Environmental Studies Program History**

**Environmental Studies Program, UCSB**

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**There are 2 options for the Outside Concentration:**

1) **Single department:** Complete any 16 upper-division units from any one of the following departments: Chemistry & Biochemistry, EEMB and/or MCDB (Bio), Earth Sciences, Geography (only courses that apply to the B.S. Physical Geog. major), Math, Statistics, Physics, or units taken for the B.S. degree in Psychological & Brain Sciences. Completion of a double major or minor from the above depts will satisfy this area (Spacial Studies minors must first consult an ES Advisor).

**OR**

2) **Interdisciplinary emphasis:** Combination of 16 upper-division units from more than one department listed above may be used to create a concentration of study as long as they form a coherent focus or emphasis. A student pursuing this option must submit a Request to Petition Degree Requirements to the ES Program justifying how proposed courses relate to each other and the desired emphasis. Petition forms are available from the ES Advisors.

A list of some example environmental emphases/concentrations one might use is available from the ES Advisors or at: www.es.ucsb.edu/academics/worksheets

**NOTE:** Study Abroad and/or Environmental Field Studies units may be applied to satisfy part or all of Area C. Units earned must be UC transferable, upper-division level, and relate to a student's chosen emphasis (either option 1 or 2 above). A Request to Petition Degree Requirements must be approved by the ES Program before units can be applied.

For additional info see the ES Advisors or www.es.ucsb.edu/academics/worksheets

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**Denotes specific quarter a course is to be offered; accurate for current academic year ONLY & subject to change year to year**

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See the reverse side for instructions on how to declare the ES major <<<<

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* Advanced Placement (AP), International Baccalaureate (IB) and Transfer credit may be substituted for Prep for Major requirements!

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**Review your UCSB Course History on GOLD for automatically articulated credit or see an ES Advisor for assistance.**