

## BACHELOR OF SCIENCE (B.S.) WORKSHEET 2013-14

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

Env. St. 1 (F qtr)\*   
 Env. St. 2 (W qtr)\*   
 Env. St. 3 (S qtr)\*

Economics 1 or 2  
 or 9 (old 109) (F qtr)

**Ethics & Justice:**  
 Phil. 3 or 4 or 6   
 or Poli Sci. 1

**Culture, Society,  
Policy & Politics:**  
 Any one course from list:  
 Anth. 2 or Geog. 5 or 7  
 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    
 Chemistry 1B/BL    
 Chemistry 1C/CL

Physics 6A/AL    
 Physics 6B/BL    
 Physics 6C/CL

----- OR -----

Physics 1    
 Physics 2    
 Physics 3/3L

MCDB 1A/AL (F qtr)    
 MCDB 1B (W qtr)\*    
 EEMB 2 (W qtr)\*    
 EEMB 3/3L (S qtr)\*    
**and MCDB 1BL (W qtr)\***  
**or EEMB 2L (W qtr)\***

Geography 3A or 3B  
 or Earth Sci. 2   
 or 4 or 20

PSTAT 5A or 5LS   
 (by petition: Psych 5,  
 or PSTAT 5E or 109, or  
 Comm 87 will be  
 considered)

Math 3A   
 Math 3B   
 Math 4A

Advanced Placement (AP), International Baccalaureate (IB) and Transfer credit may be substituted for requirements listed above!  
 Review your *Course History/Profile* on GOLD for automatically articulated credit or see the ES Advisor for assistance.

### UPPER-DIVISION (3rd and 4th years)

#### A. ES REQUIRED COURSES (17-18 UNITS)

Environmental Studies 100 (F qtr)\* or EEMB 120 or 168 (F qtr)\*   
 Environmental Studies 106 (F qtr)\* or 188 (W qtr)\*   
 Environmental Studies 115 (W qtr)\*   
 Environmental Studies 190 (1 unit, P/NP, course offered F, W, S qtrs)   
**AND**  
 Geog. 172 (F qtr)\* or EEMB 146 or 179 or Pstat 120A

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

**Section B-1:** 20 Units must be taken from this list: ES 105, 111<sup>^</sup>, 113<sup>^</sup>, 114A<sup>^</sup>, 114B<sup>^</sup>, 119<sup>^</sup>, 120, 128<sup>^</sup>, 134, 144<sup>^</sup>, 147, 149<sup>^</sup>, 152<sup>^</sup>, 157, 158<sup>^</sup>, 162<sup>^</sup>, 166BT<sup>^</sup>, 166FP<sup>^</sup>, 167<sup>^</sup>, 168<sup>^</sup>, 169<sup>^</sup>, 171<sup>^</sup>, 197.

Course	Units
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

**Section B-2:** 12 Units of any ES course #100-199, excluding the first 20 units used above in section B-1 or in Area A.

6. _____	_____
7. _____	_____
8. _____	_____

**Total = 32**

*Note: No more than 4 units each of ES 192, 194, 199, 199RA and no more than 8 units combined may be applied to this area.  
<sup>^</sup> indicates course is cross-listed with another department*

1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____

**Total = 16 units**

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

**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 Biopsychology major (only courses listed under Areas A, B, C). Completion of a double major or minor (except Spatial Studies) from the above departments may satisfy this area.

**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* form to the ES Program justifying how proposed courses relate to each other and the desired emphasis. Petition forms are available from the ES website or the ES Academic or Peer Advisors.

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

**NOTE: All courses, including cross-listed (either version), may apply to one area only in any part of the major**

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

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

## How to Declare Your Major in Environmental Studies:

On the reverse side mark all classes you have completed to date and circle any classes you are enrolled in. Return this form to the ES Advisor or Peer Advisor in Bren 4312 or 4313 with the following:

1) the College of L&S **Major Declaration Petition** (double majors also need the **Memo of Understanding for Double Majors**) - downloadable at: [www.es.ucsb.edu/declaration](http://www.es.ucsb.edu/declaration) 2) printout of your **Course History** (includes all transfer work, AP/IB scores, and UCSB courses) found at UCSB's GOLD website - click on *Academic History* and then *Course History* tab - and 3) a stamped, self-addressed, **Return Envelope**.

Name: \_\_\_\_\_ Perm # \_\_\_\_\_

Phone # \_\_\_\_\_ Email: \_\_\_\_\_

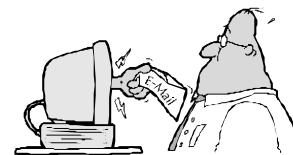
## Don't Be the LAST Student to Know What's Going On! Read the Following:

### Activate/Use Your FREE UCSB email Account:

UCSB assigns all registered students a free email account. All you have to do is activate it! This account is yours as long as you remain a UCSB student. **You Should Activate Your Umail Account**, even if you use an outside email address, as Umail is the only email address the university uses to contact students electronically! You can always set your Umail preferences to forward messages to another email address.

**To Activate your Umail account** go to the Umail website <http://www.umail.ucsb.edu> and select *Umail Activation* link. Then just follow the instructions that appear on the screen as they will walk you through the activation process. At the end, you will receive your new email address and password.

### Add yourself to *ESmail*, ES's Own Email Newsletter Service:



Once you have an email account (Umail or outside address) you should subscribe to the ES Program's *ESmail* listservice. Managed by the Program's Academic Advisor, this free and public email service is available to not only ES majors, but all UCSB students, alumni, faculty, and staff. Approximately one to two email messages are posted each week containing important information regarding the Environmental Studies Program and UCSB. Topics covered include: important campus deadlines, schedule of classes updates, scholarship opportunities, internship and job listings, special environmental events and lectures, and much more. One may unsubscribe from the service at anytime.

**To subscribe to *ESmail* visit:** <https://lists.lsit.ucsb.edu/listinfo/esmail> and then just follow the directions.

### The ES Student Lounge/Computers (Bren 4016) Are Available for Your Use!

The ES Student lounge, located in Bren 4016 (4th floor lab wing "4L"), is open weekdays 8:00 a.m. to 4:45 p.m. for drop-in use by all ES and Hydrology students. The lounge is equipped with PC and Mac computers connected to the Internet and may be used to access email, surf the web, word processing, create PowerPoint presentations, and print documents. The lounge's laser printer is set up for paper-saving auto duplexing (a 5 cent donation per sheet is requested). The lounge also has WiFi access for personal laptop use. A number of moveable tables, comfortable chairs, and a couch are available and make the lounge a great place to hold group study sessions. While you're there be sure to browse the ES Program's library containing a wide range of environmentally related books.

**Don't forget to visit the ES Program's Website at: <http://www.es.ucsb.edu>**