PREPARATION FOR THE MAJOR

Mathematics 3A-B-C, 5A ................................................................. 16
Chemistry 1A-AL-B-BL-C-CL ......................................................... 12
Physics 1-2-3-3L (recommended) or 6A-AL-B-BL-C-CL ......................... 12
Geography 3A and 3B ................................................................. 8
PSTAT 5A or EEMB 30 ............................................................... 4 or 5
Geology 2 .................................................................................. 4
MCDB 1A-AL, MCDB 1B, EEMB 2-3-3L, and either MCDB 1BL or EEMB 2L ......................................................... 15
Geology 14 (required only for Geological Sciences concentration) .................. 0 or 4

56 UD units are required, distributed as follows:

A. Environmental Studies 144; Geography 112, 116; Geology 168, 169 .............................................. 21

B. Concentration: All courses listed in one of the four following concentrations
   1. Biological Sciences: EEMB 142B-BL-C, 153 (14 units)
   3. Geography: Geography 110, 114A, 162A (13 units)
      concentration ........................................................................... 13-20

C. Electives: 15-21 units from the list of courses below (chosen from those not used in the concentration), to bring total units for the upper-division major to 56
   Chemistry 109A-B-C, 113A, 113C, 116AL, 123, 136, 136L, 150, 173A-B; EEMB 111,
   120, 120AL-BL, 140, 142A-AL-B-BL-C-CL, 148, 148L, 153, 171; Environmental Studies 134, 176A-B,
   192*, 197*, 199*, 199RA*; Geography 104, 110, 114A-B, 115B-BL, 118, 119, 120, 123, 128,
   133, 134, 138, 151, 162A, 165, 166, 172, 172L, 176A-B-BL-C-CL; Geology 102A-AL-B-BL-C-CL,

*These courses must be selected in consultation with the department undergraduate advisor; course material must relate to your concentration.

MAJOR REGULATIONS

PREREQUISITES.......................... Check the General Catalog for the prerequisites to all listed courses.
P/NP GRADING OPTION............ Up to 4 units of Env S 192 graded P will be accepted. All other courses applied to the major (prep or UD), including those applied to the major from other departments, must be completed for a letter grade.
SUBSTITUTIONS ....................... In the major requirements permissible only by petition to the department chair and dean.
RESIDENCE REQUIREMENTS ...... At least 20 UD units in major while in residence at UCSB.
G.P.A. REQUIREMENTS............ At least 2.0 overall UC average in all upper-division major courses and all courses (Prep and UD) for the major.
DOUBLE MAJORS....................... With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.