PREPARATION FOR THE MAJOR

1. Geography 3, 4, 5, 12 (or W 12) .............................................. 16 ______
2. One course from: Chemistry 1A-AL; EEMB 2-2L or 2-2LL; Environmental Studies 2;
   Earth Science 2 or 4; MCDB 20; Physics 6A-6AL .................................... 4-5 ______
3. One course from: Anthropology 2 or 5; Communication 1; Economics 1 or 2;
   Environmental Studies 3; Linguistics 20; Political Science 7; Psychology 1; Sociology 1 .......... 4-5 ______
4. Computer Science 8 .................................................. 4 ______
5. One course from: Communication 87; PSTAT 5A, 5LS; Psychology 5 ................................ 5 ______
   Strongly Recommended: Math 2A or 3A

UPPER DIVISION MAJOR

40-47 UD Geography units are required, distributed as follows:
1. Geography 3, 4, 5, 12 (or W 12) .............................................. 16 ______
2. One course from: Chemistry 1A-AL; EEMB 2-2L or 2-2LL; Environmental Studies 2;
   Earth Science 2 or 4; MCDB 20; Physics 6A-6AL .................................... 4-5 ______
3. One course from: Anthropology 2 or 5; Communication 1; Economics 1 or 2;
   Environmental Studies 3; Linguistics 20; Political Science 7; Psychology 1; Sociology 1 .......... 4-5 ______
4. Computer Science 8 .................................................. 4 ______
5. One course from: Communication 87; PSTAT 5A, 5LS; Psychology 5 ................................ 5 ______
   Strongly Recommended: Math 2A or 3A

UPPER DIVISION MAJOR

40-47 UD Geography units are required, distributed as follows:

A: 24-29 Units from Geographic Information Science Courses: ............................................ 24-29 ______

   Students must choose three courses and associated labs (noted by slash marks) from one
   concentration, and any three courses from the remaining two concentrations.
   
   Air Photos and Remote Sensing: Geography 115A, 115B, 115C
   Geographic Information Systems and Cartography: Geography 176A, 176B, 176C, 126, 128, 183, 184
   Quantitative Techniques and Theoretical Methods: Geography 117, 172, 175, 178, 190, 191, 194
   
   Courses taken:

B: Physical Geography: One course from Geography 102, 104, 110, 112, 114A-B, 116, 119, 130,
   131, 132, 133, 134, 136, 137, 142, 144, 162, 163, 165, 166, 167 ........................................ 4-5 ______

C: Human Geography: One course from Geography 101, 108, 109, 111A-B-C, 141A-B-C, 145, 146
   152, 153A-B-C-D, 182, 185A-B-C .................................................. 4 ______

D: 4 Additional Units from either Area B or Area C .................................................. 4-5 ______

E: Integrative and Regional Geography: One course from Geography 113, 140, 148, 149, 150,
   155, 158, 159, 161, 169, 171BT, 171FP, 185D .................................................. 4-5 ______

Note: Geography 193, 198, 199, 199RA can be applied to any UD area by petition, depending on the subject matter, up to a
maximum of 5 units. A maximum of 8 UD units from related fields may be applied to the major, if (a) they are selected from
the approved list of related courses, or (b) are approved by petition. The list of related courses is available in the department
office and on the department web site.

MAJOR REGULATIONS

PREREQUISITES .................................................. Check the General Catalog for the prerequisites to all listed courses.
P/NP GRADING OPTION ........................................ Up to 5 units of the following courses may be taken P/NP for major credit: Geography 193, 198, 199RA. All
   other major courses (prep or UD), including those applied to the major from other departments, must be
   completed on a letter-graded basis.
SUBSTITUTIONS ................................................ In the major requirements are 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.