

Geography Major, Geographic Information Science Emphasis, B.A. 2009-2010

PREPARATION FOR THE MAJOR

UNITS YET TO COMPLETE

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| 1. Geography 3A-B, 5, 12 | 16 | _____ |
| 2. One course from: Chemistry 1A-AL, EEMB 2-2L, 20, 21, MCDB 20, Environmental
Studies 2; Geology 2, 4; Physics 10 | 4 | _____ |
| 3. One course from: Anthropology 2, 5; Communication 1; Economics 1, 2; Environmental
Studies 3; Linguistics 20A; Political Science 7; Psychology 1; Sociology 1 | 4 | _____ |
| 4. Computer Science 8 | 4 | _____ |
| 5. One course from: Communication 87; PSTAT 5A, 5E, 5LS; EEMB 30; Psychology 5 | 4-5 | _____ |

Strongly Recommended: Math 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 may choose one of two options: 1) Three courses and associated labs (noted by slash marks) in each of two of the concentrations below **or** 2) three courses from one of the concentrations plus at least one course from each of the remaining three concentrations.

Air Photos and Remote Sensing: Geography 102, 115A, 115B, 115C

Cartography: Geography 126, 128, 183, 184

Geographic Information Systems: Geography 176A, 176B-BL, 176C

Quantitative Techniques and Theoretical Methods: Geography 117, 168, 172, 190, 191/L, 194

Courses taken: _____

- B: Physical Geography: One course from Geography 104, 110, 112, 114A-B, 116, 133, 134,
 144, 162, 163, 165, 167, 170, 175..... 4-5 _____

- C: Human Geography: One course from Geography 101, 108, 109, 111A-B, 141A-B-C, 146,
 153A-B-C-D-E, 180, 185A-B-C-D, 190 (If not used in area A).....4 _____

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

- E: Integrative and Regional Geography: One course from Geography 135, 135S, 140,
 148, 149, 150, 155, 158, 159, 161, 169, 171BT, 171FP, 182.....4 _____

Note: Geography 193, 194, 195, 198, 199, 199RA can be applied to area B or C by petition, depending on the subject matter. A maximum of 8 UD units from related fields can be counted towards the 40 unit total, if (a) they are selected from an 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. Geography 193 (Internship) can count at most 4 units towards the major.

MAJOR REGULATIONS

- PREREQUISITES**.....Check the *General Catalog* for the prerequisites to all listed courses.
P/NP GRADING OPTION.....Allowed for up to four units in each Geography 193 and 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.....Geography 193, 198, 199, or 199RA, may be petitioned to count for areas A-D dependent upon course content. Unit restrictions apply.
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, including courses in excess of minimum requirements.
DOUBLE MAJORS.....With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.