

**GEOGRAPHY DEPARTMENT**  
**1831 ELLISON HALL—PHONE: 893-4944**  
<http://www.geog.ucsb.edu>  
 College of Letters and Science  
 University of California, Santa Barbara

NAME \_\_\_\_\_

Date \_\_\_\_\_ Perm # \_\_\_\_\_

**GEOGRAPHY MAJOR, B.A. – 2016-2017**  
**GEOGRAPHIC INFORMATION SCIENCE EMPHASIS**

**PREPARATION FOR THE MAJOR**

**UNITS YET TO COMPLETE**

- |  |          |
|--|----------|
| 1. Geography 3A-B, 5, 12 (or W 12) .....   | 16 _____ |
| 2. One course from: Chemistry 1A-AL; EEMB 2-2L; MCDB 20; Environmental Studies 2;<br>Earth Science 2 or 4; Physics 6A-6AL .....  | 4 _____  |
| 3. One course from: Anthropology 2 or 5; Communication 1; Economics 1 or 2; Environmental<br>Studies 3; Linguistics 20; Political Science 7; Psychology 1; Sociology 1 ..... | 4 _____  |
| 4. Computer Science 8 .....  | 4 _____  |
| 5. One course from: Communication 87; PSTAT 5A, 5LS; Psychology 5 .....  | 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 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/L, 194

Courses taken: \_\_\_\_\_

- B: Physical Geography: One course from Geography 102, 104, 110, 112, 114A-B, 116, 130,  
133, 134, 142, 144, 162, 163, 165, 167 ..... 4-5 \_\_\_\_\_
- C: Human Geography: One course from Geography 101, 108, 109, 111A-B, 141A-B-C, 145,  
152, 153A-B-C-D, 180, 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 ..... 4 \_\_\_\_\_

**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, 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.