

**Degree: Geography, B.S.: Resources and Sustainability Concentration 21-22**

| Requirement Area                | Course               | Course Title                                       | Prerequisites  | Units      |
|---------------------------------|----------------------|--|--|------------|
| <b>First Semester</b>           |                      |  |  |            |
| E                               | GS 101A              | Foundations of Success I                           |  | 1          |
| A1                              |                      |  |  | 3          |
| B1 and LD Major                 | GEOG 110             | Physical Geography: Earth Processes and Outcomes   |  | 3          |
| B4                              |                      |  |  | 3          |
| D1 and LD Major                 | ENVT 101 or ANTH 130 | Envt. Challenges 21st c. or Intro to Cultural Anth |  | 3          |
|                                 |                      |  | <b>Total:</b>  | <b>13</b>  |
| <b>Second Semester</b>          |                      |  |  |            |
| E                               | GS 101B              | Foundations of Success II                          |  | 1          |
| A2                              |                      |  |  | 3          |
| C2                              |                      |  |  | 3          |
| D2                              |                      |  |  | 3          |
| LD Major                        | GEOG 120             | Human Geography: Diversity and Globalization       |  | 3          |
|                                 |                      |  | <b>Total:</b>  | <b>13</b>  |
| <b>Third Semester</b>           |                      |  |  |            |
| E                               |                      |  |  | 1          |
| A3                              | PHIL 100             | Workshop in Critical Thinking                      |  | 3          |
| Add'l C1 or C2*                 |                      |  |  | 3          |
| B2/B3                           |                      |  |  | 3          |
| Writing II/WID (2nd Comp)       |                      |  |  | 3          |
| LD Major                        | GEOG 125             | World Regions and Development                      |  | 3          |
|                                 |                      |  | <b>Total:</b>  | <b>16</b>  |
| <b>Fourth Semester</b>          |                      |  |  |            |
| F                               |                      | Ethnic Studies                                     |  | 3          |
| C1                              |                      |  |  | 3          |
| Code 1                          |                      |  |  | 3          |
| LD Major                        | GEOG 200             | Sustainable Resource Management                    |  | 3          |
| LD Major                        | GEOG 225             | Fundamentals of GIS                                |  | 3          |
|                                 |                      |  | <b>Total:</b>  | <b>15</b>  |
| <b>Fifth Semester</b>           |                      |  |  |            |
| UD-B                            |                      |  |  | 3          |
| Code 2                          |                      |  |  | 3          |
| UD Major                        | GEOG 310             | Literature and Research Methods                    | Department consent and ENVT 101 or GEOG 125.                           | 4          |
| Concentration                   | GEOG                 | Concentration                                      |  | 4          |
| Elective/Overlay                |                      |  |  | 3          |
|                                 |                      |  | <b>Total:</b>  | <b>17</b>  |
| <b>Sixth Semester</b>           |                      |  |  |            |
| UD-D                            |                      |  |  | 3          |
| Concentration                   | GEOG                 | Concentration                                      |  | 4          |
| Elective/Overlay                |                      |  |  | 3          |
| Elective                        |                      |  |  | 3          |
| Elective                        |                      |  |  | 3          |
|                                 |                      |  | <b>Total:</b>  | <b>16</b>  |
| <b>Seventh Semester</b>         |                      |  |  |            |
| UD-C                            |                      |  |  | 3          |
| UD Major/Sustainability Overlay | GEOG 340             | Climate Change                                     | Completion of GE areas A1, A2, A3 and B4.                              | 3          |
| Concentration                   | GEOG                 | Concentration                                      |  | 4          |
| Elective                        |                      |  |  | 3          |
| Elective                        |                      |  |  | 3          |
|                                 |                      |  | <b>Total:</b>  | <b>16</b>  |
| <b>Eighth Semester</b>          |                      |  |  |            |
| UD Major                        | GEOG 425             | Advances GIS                                       | GEOG 225.  | 3          |
| UD Major                        | GEOG 499             | Senior Seminar in Geography                        | Senior standing, and declared Geography or Environmental Studies major | 3          |
| Concentration                   | GEOG                 | Concentration                                      |  | 3-4        |
| Elective                        |                      |  |  | 1-2        |
| Elective                        |                      |  |  | 3          |
|                                 |                      |  | <b>Total:</b>  | <b>14</b>  |
| <b>Total Units:</b>             |                      |  |  | <b>120</b> |

Note: No changes to, or from, the credit/no credit pattern are permitted after the Grade Type Change period. There are no exceptions to this rule. Courses in a student's major department, regardless of course prefix, may not be taken "CR/NC," unless that is the only grading pattern in the course.

| CSUEB General Breadth and Graduation Requirement Checklist   |  |
|--|--|
| <b>Area A (9 units): Communication in the English Language &amp; Critical Thinking</b><br>(Must earn passing grade of C-/CR or better)   |  |
| <input type="checkbox"/> A1. COMM 100 or 104, MLL 111  |  |
| <input type="checkbox"/> A2. ENGL 101, 102, or 104   |  |
| <input type="checkbox"/> A3. PHIL 100  |  |
| <b>Area B (9 units) : Scientific Inquiry &amp; Quantitative Reasoning</b>  |  |
| <input type="checkbox"/> B1. Physical Science  |  |
| <input type="checkbox"/> B2. Life Science  |  |
| <input type="checkbox"/> B3. Laboratory Activity   |  |
| <input type="checkbox"/> B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.)  |  |
| <b>Area C (9 units): Arts &amp; Humanities - Minimum of three different disciplines as designated by course prefix (e.g., ART, THEA, MUS)</b>  |  |
| <input type="checkbox"/> C1. Arts  |  |
| <input type="checkbox"/> C2. Humanities  |  |
| <input type="checkbox"/> *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2)  |  |
| <b>Area D (6 units) : Social Sciences - Minimum of three different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)</b>   |  |
| <input type="checkbox"/> D1.   |  |
| <input type="checkbox"/> D2.   |  |
| <b>Area E (3 units) : Lifelong Learning and Self-Development</b>   |  |
| <input type="checkbox"/> E.  |  |
| <b>Area F (3 units): Ethnic Studies</b>  |  |
| <input type="checkbox"/> F.  |  |
| <b>Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.</b>   |  |
| <input type="checkbox"/> Second Composition  |  |
| <b>U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State &amp; Local Government).</b> |  |
| <input type="checkbox"/> Code 1.   |  |
| <input type="checkbox"/> Code 2.   |  |
| <b>Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR)</b>   |  |
| <input type="checkbox"/> UD-B. Upper-division Science Inquiry and Quantitative Reasoning   |  |
| <input type="checkbox"/> UD-C. Upper-division Arts OR Humanities   |  |
| <input type="checkbox"/> UD-D. Upper-division Social Sciences  |  |
| <b>Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major</b>   |  |
| <input type="checkbox"/> Diversity (Div)   |  |
| <input type="checkbox"/> Social Justice (SJ)   |  |
| <input type="checkbox"/> Sustainability (S)  |  |
| <b>Resources and Sustainability Concentration</b>  |  |
| The Resources and Sustainability concentration consists of 15-16 units. Students must choose four (4) of the following courses:  |  |
| GEOG 445 - Water and Watershed Resources Units: 4 ; G.E./G.R. Area: UD-B   |  |
| GEOG 447 - Energy, Climate and Society Units: 4 ; G.E./G.R. Area: UD-B; Sustainability   |  |
| GEOG 450 - Earth Surface Processes and Landforms Units: 3 ; G.E./G.R. Area: UD-B   |  |
| GEOG 455 - Sustainable Food Systems Units: 4 ; G.E./G.R. Area: UD-D; Sustainability  |  |
| GEOG 465 - Sustainable Communities and Development Units: 4 ; G.E./G.R. Area: UD-D; Sustainability   |  |