

Name _____

ID# _____

MAJOR REQUIREMENTS FOR B.S. IN GEOLOGY*Requirements for Catalog Year of Fall 2005 or later*

| <u>Geology Core Courses (min 48^a units)</u> | <u>UNITS</u> | <u>GRADE</u> | <u>Related Fields Courses (min 30^d units)</u> | <u>UNITS</u> | <u>GRADE</u> |
|--------------------------------------------------------|--------------|--------------|------------------------------------------------------------------|--------------|-----------------|
| 101 Intro to Geology (3) | _____ | _____ | <i>(circle courses actually taken)</i> | | |
| 110T Topics in Earth Science (3) | | | <u>Mathematics</u> | | |
| or | | | 130 (4); and 337 (3) or 338 (4); | _____ | _____ |
| 140 Earth's Atmospheres and Oceans (3) | | | or | | |
| | | | 150A (4) and 150B (4) | _____ | _____ |
| 101L Intro to Geology Lab (1) | _____ | _____ | <u>Chemistry</u> | | |
| 201 Earth History (3-4) | _____ | _____ | 120A (5); | _____ | _____ |
| 303A Earth Materials (4) | _____ | _____ | and | | |
| 303B Igneous & Metamorphic Petrology (4) | _____ | _____ | 120B (5) or 125 (3) | _____ | _____ |
| 321 Sedimentology & Stratigraphy (4) | _____ | _____ | <u>Physics</u> | | |
| 335 Hydrology and Surface Processes (3) | _____ | _____ | 225/225L (4) or 211/211L (4) | _____ | _____ |
| 360 Structural Geology (4) | _____ | _____ | and | | |
| 380 Geologic Field Techniques (3) | _____ | _____ | 212 (3) or 226 (3) | _____ | _____ |
| 498 Undergraduate Thesis (3) | _____ | _____ | Optional | | |
| 481A Geology Field Camp (4) | _____ | _____ | 212L (1) or 226L (1) | _____ | _____ |
| | | | <u>Biology</u> | | |
| | | | 101 (3) or 152 (5) | _____ | _____ |
| | | | At least ONE of the following: Met? | | |
| | | | MATH338, MATH150B, CHEM120B, PHYS212L, | | |
| | | | PHYS226L, or BIOL152 | | |
| | | | Electives in Related Fields (if necessary) | | |
| | | | _____ | _____ | _____ |
| | | | _____ | _____ | _____ |
| | | | _____ | _____ | _____ |
| | | | ^d grades in Related Fields must average 2.0 or better | | |
| <u>Quantitative Geology Elective (3 units)</u> | | | <u>GENERAL EDUCATION REQUIREMENTS</u> | | <u>MET? (✓)</u> |
| 406 Geochemistry (3) | _____ | _____ | 30 units lower division GE | | _____ |
| or | | | (does not include 12 units from GE category IIIA | | |
| 456 Geophysics (3) | _____ | _____ | included above in related fields section) | | |
| or | | | 9 units upper division GE (at CSUF) | | _____ |
| 476 Engineering Geology (3) | _____ | _____ | Cultural Diversity req. (*) | | _____ |
| <u>Other Electives (9^{b,c} units)</u> | <u>UNITS</u> | <u>GRADE</u> | <u>SUMMARY: UNIT REQUIREMENTS</u> | | <u>UNITS</u> |
| _____ | _____ | _____ | Geological Sciences (min 48 units) | | _____ |
| _____ | _____ | _____ | Related Fields (min 30 units) | | _____ |
| _____ | _____ | _____ | General Education (min 39 units) | | _____ |
| _____ | _____ | _____ | Undesignated (if necessary) | | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| | | | TOTAL UNITS: | | _____ |
| | | | <i>Total units must ≥120 units for graduation</i> | | |
| | | | ADVISER NOTES: | | |
| | | | Career Objective? _____ | | |
| | | | Transfer Student? _____ | | |
| | | | Anticipated graduation date? _____ | | |

TOTAL GEOLOGY UNITS (≥ 48): _____ Met?

^a No credit for grades lower than 2.0 in GEOL courses.^b 8 units of 'Other Electives' permissible if student has completed GEOL 201 + GEOL 201 Supplemental Lab (4 units) or GEOL 110T (3 units).^c No more than 3 units from any combination of GEOL 493, 495, 496L and 499L can be counted toward meeting this requirement.