

CALIFORNIA STATE UNIVERSITY, LOS ANGELES
 College of Natural and Social Sciences
Department of Geological Sciences
Program for the Bachelor of Science Degree in Geology

Date _____

Name _____ SID _____

Address _____ Home Phone _____

Work Phone _____ Advisor Signature _____

Email Address _____

Requirements for the Major (118 units)

A grade of "C" or better is required for all courses.

Core Requirements (49 units)

| Course# | Title (units) | Date Taken | Grade | Institution |
|----------------|----------------------------|-------------------|--------------|--------------------|
| GEOL 150 | Earth Revealed (4) | | | |
| GEOL 201 | Elementary Mineralogy (4) | | | |
| GEOL 203 | Introductory Petrology (2) | | | |
| GEOL 252 | Historical Geology (4) | | | |
| CHEM 101 | General Chemistry I, (5) | | | |
| CHEM 102 | General Chemistry II, (5) | | | |
| CHEM 103 | General Chemistry III, (5) | | | |
| MATH 206 | Calculus I: Diff. (4) | | | |
| MATH 207 | Calculus II: Integ. (4) | | | |
| PHYS 101 | Physics (4) | | | |
| PHYS 102 | Physics (4) | | | |
| PHYS 103 | Physics (4) | | | |

Upper Division Required Courses (47unit)

| | | | | |
|-----------|--------------------------------|--|--|--|
| GEOL 300 | Geoscience Careers (2) | | | |
| GEOL 360 | Geological Mapping (4) | | | |
| GEOL 370 | Geochemistry (4) | | | |
| GEOL 398 | Geol. Cooperative Edu. (4) | | | |
| GEOL 400 | Optical Mineralogy (4) | | | |
| GEOL 401 | Igneous & Meta. Petrology (5) | | | |
| GEOL 402 | Sedimentary Petrology (4) | | | |
| GEOL 410 | Structural Geology (4) | | | |
| GEOL 430 | Stratigraphy-Sedimentology (4) | | | |
| GEOL 460A | Summer Field Geology (5) | | | |
| GEOL 460B | Report - Field Geology (3) | | | |
| GEOG 468 | Computer Cartography (4) | | | |

Electives, 22 units

Select 22 units from the following with adviser approval:

Elective courses: GEOL 321, 411, 422, 424, 426, 433-435, 473, 480-487, 490, 491, 497, 499

In addition, students may select up to 4 units of upper division biology, chemistry, computer science, engineering, mathematics, and physics courses with adviser approval. Students are advised to consult the Schedule of Classes for special topics courses (GEOL 490 and 491) that may be used to satisfy the geology elective requirements.

