

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)**

<b>Course#</b>	<b>Title (units)</b>	<b>Date Taken</b>	<b>Grade</b>	<b>Institution</b>
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.

