

Palomar College Catalog 2009-2010

Geology (GEOL)

Contact the Earth, Space, and Aviation Sciences Department for further information.

(760) 744-1150, ext. 2512

Office: NS-110G

Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

- Geology

PROGRAM OF STUDY

Geology

Provides the student with sufficient background to begin upper division coursework and will prepare the student for entry-level jobs that require geologic knowledge. The student is advised to check with the school to which he/she may wish to transfer for additional courses which may be required.

A.A. DEGREE MAJOR

Program Requirements	Units
Group One	
GEOL 100 Basic Geology	3
GEOL 100L Basic Geology Laboratory	1
GEOL 150 Dinosaurs and Earth History	3
GEOL 150L Dinosaurs and Earth History Laboratory	1
GEOL 195 Regional Field Studies in Geology	2
Group Two (Select at least two sets of courses listed below)	
Set 1	
MATH 140 and Calculus/Analytic Geometry, First Course	5
MATH 141 Calculus/Analytic Geometry, Second Course	4
Set 2	
PHYS 120 and	
PHYS 121 General Physics	8
or	
PHYS 230 and	
PHYS 231 Principles of Physics	10
Set 3	
CHEM 110 General Chemistry	3
CHEM 110L General Chemistry Laboratory	2
CHEM 115 General Chemistry	3
CHEM 115L General Chemistry Laboratory	2
Group Three (Select at least 8 units)	
Any other courses in Group Two not taken above	8-10
GEOL 110 General Geology: National Parks	3
GEOL/	
GEOG 125 California Geology and Geography	3
GEOL 195 Regional Field Studies in Geology	1,2,3
GEOL 197 Geology Topics	1,2,3
GEOL 295 Directed Study in Geology	1,2,3
ASTR 100 Principles of Astronomy	3
BIOL 100 General Biology	4
MATH 205 Calculus/Analytic Geometry, Third Course	4
MATH 206 Calculus/Differential Equations	4
OCN 100 Oceanography	3
OCN 100L Oceanography Laboratory	1
OCN 115 Coastal Oceanography	3
PHYS 232 Principles of Physics	4
TOTAL UNITS	35 - 38