

Guideline for Majors at Nearby 4 Year Institutions

Major: <i>GEOLOGY</i>

Riverside Community College
Counseling Department
2011-2012

Date: 10/11

NOTE: This Articulation Agreement is subject to periodic revision. Please consult the www.assist.org website for up-to-date information.

College or University	Transfer Requirements	Units	RCC Equivalents	Units	Remarks
CSU LONG BEACH 2011-2012	GEOL 102,104	4	GEO 1/1L	3,1	*MAT 1C is required for -Petroleum -Geochem -Structural Impacted major
	GEOL 240	4	GEO 1B	4	
	MATH 122,123	4,4	MAT 1A,1B	4,4	
	CHEM 111A	5	CHE 1A or 1AH	5	
	CHEM 111B	5	CHE 1B or 1BH	5	
	PHYS 151,152	4,4	PHY 4A,4B	4,4	
	BIOL 200	4	BIO 1	4	
SAN DIEGO STATE UNIV. 2010-2011	<u>Engineering Geology:</u>				
	GEOL 205	4	GEO 1B	4	Impacted major
	BIOL 100	3	BIO 10 or 1	3-4	
	CHEM 200	5	CHE 1A or 1AH	5	
	CHEM 201	5	CHE 1B or 1BH	5	
	EM 200	3	ENE 35	3	
	MATH 150,151,252	13	MAT 1A,1B,1C	4,4,4	
	PHY 195-197	9	PHY 4A,4B,4C,4D	16	
	STAT 250	3	MAT 12 or 12H	3	
	GEOL 100/101 or	4	GEO 1/1L or	4	
	OCEAN 100/L	4	OCE 1/1L	4	
	<u>General Geology</u>				
	BIOL 100/L or 101	3	BIO 1	4	Recommended: PHY 4C,4D MAT 1C
	CHEM 200	5	CHE 1A or 1AH	5	
CHEM 201	5	CHE 1B or 1BH	5	Impacted major	
MATH150, 151	4,4	MAT 1A,1B	4,4		
PHYS 195,196	4,4	PHY 4A,4B	4,4		
GEOL 100/101 or	4	GEO 1/1L or	4		
OCEAN 100/L	4	OCE 1/1L	4		
GEOL 205	4	GEO 1B	4		

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College or University	Transfer Requirements	Units	RCC Equivalents	Units	Remarks	
SDSU (cont'd)	<u>Geophysics:</u>					
	BIOL 100 or 101	3	BIO 10 or 1	3-4	Impacted major	
	CHEM 200	5	CHE 1A or 1AH	5		
	CHEM 201	5	CHE 1B or 1BH	5		
	MATH 150.,151,252	13	MAT 1A,1B,1C	4,4,4		
	PHYS 195-197	9	PHY 4A,4B,4C,4D	16		
	GEOL 100/L or OCEAN 1/L	4	GEO 1/1L or OCE 1/1L	4		
	<u>Geochemistry:</u>					
	BIOL 100 or 101	3	BIO 10 or 1	3-4		Impacted major
	CHEM 200	5	CHE 1A or 1AH	5		
	CHEM 201	5	CHE 1B or 1BH	5		
	CHEM 231	4	CHE 12A	5		
	MATH 150,151,252	4,4	MAT 1A,1B,1C	4,4,4		
	PHYS 195-197	9	PHY 4A,4B,4C,4D	16		
	STAT 250	3	MAT 12 or 12H	3		
	GEOL 100/L or OCEAN 100/L	4	GEO 1/1L or OCE 1/1L	4		
	<u>Hydrogeology:</u>					
	BIOL 100	3	BIO 10 or 1	3-4	Impacted major	
	CHEM 200	5	CHE 1A or 1AH	5		
	CHEM 201	5	CHE 1B or 1BH	5		
	MATH 150,151	4,4	MAT 1A,1B	4,4		
	PHYS 195-197	9	PHY 4A,4B,4C,4D	16		
	MATH 252 or OR		MAT 1C or OR			
	CHEM 231	4	CHE 12A	4-5		
	STAT 250	3	MAT 12 or 12H	3		
	GEOL 105	4	GEO 1B	4		
	GEOL 100/L or OCEAN 1/L	4	GEO 1/1L or OCE 1/1L	4		
	<u>Paleontology:</u>					
	GEOL 205	4	GEO 1B	4		Impacted major
	BIOL 201A,201B	4,4	BIO 11,12	5,5		
	CHEM 200	5	CHE 1A or 1AH	5		
	CHEM 201	5	CHE 1B or 1BH	5		
	MATH 150	4	MAT 1A	4		
PHYS 180A,180B	4,4	PHY 2A,2B	4,4			
GEOL 100/L or OCEAN 1/L	4	GEO 1/1L or OCE 1/1L	4			
	4		4			

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College or University	Transfer Requirements	Units	RCC Equivalents	Units	Remarks
SDSU (cont'd)	<u>Marine:</u> GEOL 100/L or OCEAN 1/L	4	GEO 1/1L or OCE 1/1L	4	Impacted major
	GEOL 205	4	GEO 1B	4	
	BIOL 100	3	BIO 10 or 1	3-4	
	CHEM 200	5	CHE 1A or 1AH	5	
	CHEM 201	5	CHE 1B or 1BH	5	
	MATH 150,151,252	4,4	MAT 1A,1B,1C	4,4,4	
	PHYS 195-197	9	PHY 4A,4B,4C,4D	16	
UCR 2011-2012	<u>General, Geobiology and Geophysics</u>				
	GEOL 1,3	4,4	GEO 1/1L,1B	4,4	<i>-IGETC not accepted. Follow Coll. of Nat. & Ag. Sci. gen. ed. req't's</i>
	MATH 9A,9B,9C	4,4,4	MAT 1A,1B	4,4	
	CHEM 1A,1B,1C	4,4,4	CHE 1A or 1AH + CHE 1B or 1BH	5 5	
	PHYS 40ABC	4,4,4	PHY 4A,4B,4C	4,4,4	<i>-Prioritize major req't's over gen. educ.</i>
	BIOL 5A/L or 2	4	BIO 1,11 or 17	4/5	
GEOL 2	4	GEG 1 or 1H + 1L	3,1		
For the Geobiology option, add: BIO 11,12 For the Geophysics option, add: MAT 2; PHY 4D For the Global Climate Change option, add: OCE 1; BIO 11,12					
NOTE: An overall grade point average of 2.70 in all transferable courses is required.					
CAL POLY POMONA 2011-2012	CHM 121-123	4,4,4	CHE 1A or 1AH + CHE 1B or 1BH	5 5	
	MAT 114-116	4,4,4	MAT 1A,1B	4,4	
	PHY 131-133	4,4	PHY 4A,4B,4C or PHY 2A,2B	8-12	
	BIO 100/L or 115/L	4-5	BIO 1 or 11	4-5	
CSU FULLERTON 2011-2013	GEOL 101/L	4	GEO 1/1L	4	BIO 11 + 12 recommended prior to transfer
	GEOL 201	3	GEO 1B	4	
	BIOL 101/L or 171	4-5	BIO 1 or 12	4-5	
	CHEM 120A,120B	5,5	CHE 1A or 1AH + CHE 1B or 1BH	5 5	
	MATH 150A,150B	4,4	MAT 1A,1B	4,4	
	PHYS 225/L, 226/L OR PHYS 211/L, 212/L	4,4	PHY 4A,4B OR PHY 2A,2B	4,4	

College or University	Transfer Requirements	Units	RCC Equivalents	Units	Remarks
CSU SAN BERNARDINO 2011-2012	<u>B.S. degree</u>				
	GEOL 101	5	GEO 1/1L	3,1	
	GEOL 250	5	GEO 1B	4	
	MATH 211,212	4,4	MAT 1A,1B	4,4	
	PHYS 221-223	15	PHY 4ABC or 2A,2B	8-12	
	BIOL 100 or 200	5	BIO 1 or 11	4-5	
	CHEM 215,216	6,6	CHE 1A or 1AH + CHE 1B or 1BH	5 5	
	<u>B.A. degree:</u>				
	BIOL 200	5	BIO 1 or 11	4-5	
	GEOL 101	5	GEO 1/1L	4	
	GEOL 250	5	GEO 1B	4	
	MATH 211	4	MAT 1A	4	
	CHEM 205 or 215	5-6	CHE 2A,1A or 1AH	4-5	
	PHYS	8-12	PHY 2A,2B or PHY 4A,4B,4C	8-12	

THE MAJOR:

Geology involves the study of a wide variety of topics dealing with earth and life sciences. Geologists use a spectrum of knowledge from physics, chemistry, mathematics, botany, zoology, and related fields. They deal with energy, mineral research and discovery, environmental geology, oceanography, and other outdoor field studies or indoor laboratory investigations. Engineering geologists apply geological principles to a variety of projects including high-use planning, and related areas. Students of geology who tend toward earth science can prepare for a composite science teaching career on the secondary level. Job opportunities are available in industry, academic areas, and government agencies throughout the world.

CAREER FIELDS:

Geodesist	Hydrologist	Mineralogist	Seismologist
Geologist	Land-Use Planner	Mining Geologist	Stratigrapher

For further information on career options, please visit the Transfer and Career Center.