

													DATE:	9/28/2017
Degree:	BS Geological Sciences General Geology 4 yr													
	Fall	Qtrs.	Grade	Units	Winter	Qtrs.	Grade	Units	Spring	Qtrs.	Grade	Units	Yr. Total	
Year 1	MATH 211=A3/B1	FWS		4	CHEM 215	FW		6	CHEM 216	WS		6		
	GEOL 101=B3	FWS		5	MATH 212	FWS		4	C1 (arts)	FWS		4		
	A1 (written comm)	FWS		4	A2 (oral comm)	FWS		4	GEOL 250	S		5		
	D1 (Amer. hist & civ)	FWS		4	E2 (whole per social)	FWS		2	E1 (whole per physical)	FWS		2		
	Quarter Units:			17	Quarter Units:			16	Quarter Units:			17	50	
Year 2	PHYS 121 [or 221]	FW		5	PHYS 122 [or 222]	WS		4	C3 (foreign language)	FWS		4		
	GEOL 301	F		4	GEOL 321	W		3	A4 (critical thinking)	FWS		4		
	GEOL 320	F		5	GEOL 360	W		5	E3 (P.E.)	FWS		2		
					C4 (philosophy)	FWS		4	GEOL 325	S		5		
	Quarter Units:			14	Quarter Units:			16	Quarter Units:			15	45	
Year 3	D4 (SBS perspectives)	FWS		4	GEOL 330	W		5	GEOL 340	S		5		
	D3 (world cultures)	FWS		4	D2 (Amer. institutions)	FWS		4	GEOL 322	S		4		
	NSCI 306=F1	FWS		4	C2 (literature)	FWS		4	GEOL 391	variable		2		
	BIOL 100/202=B2	FWS		5	GEOL 391	variable		2	GEOL 398	S		1		
									B4 (sp top sci & tech)	FWS		2		
Quarter Units:			17	Quarter Units:			15	Quarter Units:			14	46		
Year 4	Elective GEOL	FWS		4	Elective GEOL	FWS		5	GEOL 590	S		2		
	GEOL 399	F		3	G1/G2 (multicultural/gender)	FWS		4	B5 (NSCI capstone)	FWS		4		
	D5 (SBS capstone)	FWS		4	Elective GEOL	FWS		4	Elective GEOL	FWS		5		
	Geol 391	variable		2	GEOL 391	variable		2	C5 (HUM capstone)	FWS		4		
	Quarter Units:			13	Quarter Units:			15	Quarter Units:			15	43	
Minimum 18 units electives in GEOL from approved courses								Total to graduate				184		

Prerequisite Chains:
 Chem 215 (or 205)--> Geol 320 --> Geol 321 --> Geol 325
 Geol 101 --> Geol 301 --> Geol 391
 Geol 330 --> Geol 340
 Math 211--> Phys 121 --> Geol 360

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| General Education Course | Course @ CSUSB |
| A. Basic Skills (12 units) | |
| 1. Written Communication | Eng 101 or HON 103 |
| 2. Oral Communication | Comm 120 or HON 103 |
| 3. Mathematics | Math 110, 115, 120, 192, 211 |
| 4. Critical Thinking | Comm 180, Hon 103, Math 180, Phil 105, Psyc 105, Soc 180 |
| B. Natural Sciences (20 units) | |
| 1. Math | Math 110, 115, 120, 192, 211 |

- 2. Life Science Biol 100, 202 or Hsci 120
- 3. Physical Science Chem 100, 205, 215; Geog 103, Geol 101, Phys 100, 103, 121, 221
- 4. Special Topics in Science & Technology Biol 216, 217, Chem 105, Csci 121, 124 Geol 210
- 5. Integrative Capstone Nsci 300, 310, 314, 320, 325, 351, 360
- C. Humanities (20 units)
 - 1. Arts Art 200, Hum 180, Mus 180, TA 260
 - 2. Literature Eng 110, 111, 160, 170, TA 160, 212
 - 3. Foreign Language/Literature in Transiatio
 - Flan 102, 150, Fren 102, 150, 200, 202, 290
 - Ger 102, 150, 212, 214, 216, 290, Japn 102, Mand 102, 150
 - Span 102, 150, 155, 212, 214, 214, 290
 - 4. Philosophy Phil 190, 192, 193, 194
 - 5. Integrative Capstone Hum 319, 325, 330, 335, 340, 344, 350, 370, 380, 385
- D. Social and Behavioral Sciences (20 units)
 - 1. American History & Civilization Hist 146, 200, 201
 - 2. American Institutions Psci 203 (if taken elsewhere, Cal hist will still need to be met)
 - 3. World Cultures Anth 140, Hist 140, 142, 144; Ssci 165
 - 4. Discipline Perspectives
 - Anth 100, 102 ;Econ 104; Es 100; Geog 100, Psci 100
 - Psci 100, Soc 100, WSTD 100
 - 5. Integrative Capstone Ssci 300, 304, 315, 316, 320, 321, 325, 343, 345, 350
- E. Lifelong Understanding (6 units)
 - 1. The Whole Person (Physical & Psych) Nsci 110; Kine 205
 - 2. The Whole Person (Social & Psych) Phil 101; Psyc 115; Sco 110
 - 3. Physical Education Kine 101, 114, 120, 121, 137, 147, 149, 150
- F. Upper-Division Writing Requirement (0-4 units)
 - 1. Upper division Writing course Educ, Eng, Hum, Mgmt, Nsci or Ssci 306
 - 2. Proficiency exam No units associated with this exam
- G. Multicultural/Gender Requirement (0-4 units)
 - 1. Integrative Capstone Hum 325, 335, 350, 370, 380; Nsci 325, Ssci 316, 325, 350
 - 2. Upper-division course Anth 325, 333; Comm 304, 401; Cjus 451; Econ 352; Eng 314; Hum 460; Mus 308, 350, Pa 305; Phil 364, 367; Ta 462

Degree:	BS Geological Sciences - General Geology 2 year Assumes all lower division GE and required courses taken													
	Fall	Qtrs.	Grade	Units	Winter	Qtrs.	Grade	Units	Spring	Qtrs.	Grade	Units	Yr. Total	
Year 3	GEOL 320	F		5	GEOL 321	W		3	GEOL 325	S		5		
	GEOL 301	F		4	GEOL 360	W		5	GEOL 322	S		4		
	NSCI 306--F1	FWS		4	GEOL 391	variable		2	GEOL 398	S		1		
					G1/G2 (multicul/gender)	FWS		4	GEOL 391	variable		2		
									C5 (HUM capstone)	FWS		4		
	Quarter Units:				13	Quarter Units:			14	Quarter Units:			16	43
Year 4	Elective GEOL*	FWS		4	Elective GEOL*	FWS		4	GEOL 590	S		2		
	GEOL 399	F		3	GEOL 330	W		5	GEOL 340	S		5		
	Elective GEOL	FWS		5	GEOL 391	variable		2	GEOL 391	variable		2		
	B5 (NSCI capstone)	FWS		4	Elective GEOL	FWS		5	D5 (SBS capstone)	FWS		4		
	Quarter Units:				16	Quarter Units:			16	Quarter Units:			13	45
													88	

Minimum 18 units GEOL electives from approved courses

Prerequisite Chains:

Chem 215 (or 205)--> Geol 320 --> Geol 321 --> Geol 325
 Geol 101 --> Geol 301 --> Geol 391
 Geol 330 --> Geol 340
 Math 211--> Phys 121 --> Geol 360
 Geol 398 --> Geol 399 --> Geol 590

General Education Course

Course @ CSUSB

A. Basic Skills (12 units)

1. Written Communication
2. Oral Communication
3. Mathematics
4. Critical Thinking

Eng 101 or HON 103
 Comm 120 or HON 103
 Math 110, 115, 120, 192, 211
 Comm 180, Hon 103, Math 180, Phil 105, Psyc 105, Soc 180

B. Natural Sciences (20 units)

1. Math
2. Life Science
3. Physical Science
4. Special Topics in Science & Technology
5. Integrative Capstone

Math 110, 115, 120, 192, 211
 Biol 100, 202 or Hsci 120
 Chem 100, 205, 215; Geog 103, Geol 101, Phys 100, 103, 121, 221
 Biol 216, 217, Chem 105, Csci 121, 124 Geol 210
 Nsci 300, 310, 314, 320, 325, 351, 360

C. Humanities (20 units)

1. Arts
2. Literature
3. Foreign Language/Literature in Translation
4. Philosophy
5. Integrative Capstone

Art 200, Hum 180, Mus 180, TA 260
 Eng 110, 111, 160, 170, TA 160, 212
 Flan 102, 150, Fren 102, 150, 200, 202, 290
 Ger 102, 150, 212, 214, 216, 290, Japn 102, Mand 102, 150
 Span 102, 150, 155, 212, 214, 214, 290
 Phil 190, 192, 193, 194
 Hum 319, 325, 330, 335, 340, 344, 350, 370, 380, 385

D. Social and Behavioral Sciences (20 units)

1. American History & Civilization
2. American Institutions
3. World Cultures
4. Discipline Perspectives
5. Integrative Capstone

Hist 146, 200, 201
 Psyc 203 (if taken elsewhere, Cal hist will still need to be met)
 Anth 140, Hist 140, 142, 144; Ssci 165
 Anth 100, 102; Econ 104; Es 100; Geog 100, Psyc 100
 Psyc 100, Soc 100, WSTD 100
 Ssci 300, 304, 315, 316, 320, 321, 325, 343, 345, 350

E. Lifelong Understanding (6 units)

1. The Whole Person (Physical & Psych)
2. The Whole Person (Social & Psych)
3. Physical Education

Nsci 110; Kine 205
 Phil 101; Psyc 115; Sco 110
 Kine 101, 114, 120, 121, 137, 147, 149, 150

F. Upper-Division Writing Requirement (0-4 units)

1. Upper division Writing course
2. Proficiency exam

Educ, Eng, Hum, Mgmt, Nsci or Ssci 306
 No units associated with this exam

G. Multicultural/Gender Requirement (0-4 units)

1. Integrative Capstone
2. Upper-division course

Hum 325, 335, 350, 370, 380; Nsci 325, Ssci 316, 325, 350
 Anth 325, 333; Comm 304, 401; Cjus 451; Econ 352;
 Eng 314; Hum 460; Mus 308, 350, Pa 305; Phil 364, 367; Ta 462