

DATE: 9/28/2017

Degree:	BA Geological Sciences 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 205/215	FW		5	C1 (arts)	FWS		4	
	GEOL 101=B3	FWS		5	A2 (Oral comm)	FWS		4	E2 (whole person - social)	FWS		2	
	A1 (written communication)	FWS		4	C2 (literature)	FWS		4	GEOL 250	S		5	
	D1 (Amer. Hist & civ)	FWS		4	E1 (whole person - physical)	FWS		2	C3 (foreign language)	FWS		4	
	Quarter Units:			17	Quarter Units:			15	Quarter Units:			15	47
Year 2	PHYS 121/221	FS		5	PHYS 122/222	WS		4	PHYS 123/223	FS		4	
	BIOL 100/202=B2	FWS		5	GEOL 321	W		3	A4 (critical thinking)	FWS		4	
	GEOL 320	F		5	GEOL 360	W		5	E3 (P.E.)	FWS		2	
					D2 (American Institutions)	FWS		4	GEOL 325	S		5	
	Quarter Units:			15	Quarter Units:			16	Quarter Units:			15	46
Year 3	GEOL 301	F		4	GEOL 330	W		5	GEOL 340	S		5	
	D4 (SBS perspectives)	FWS		4	B4 (spec topics sci & tech)	FWS		2	GEOL 322	S		4	
	NSCI 306=F1	FWS		4	C4 (philosophy)	FWS		4	D5 (SBS capstone)	FWS		4	
					D3 (world cultures)	FWS		4	GEOL 398	S		1	
	Quarter Units:			12	Quarter Units:			15	Quarter Units:			14	41
Year 4	GEOL 399	F		3	GEOL 312	W		4	GEOL 590	S		2	
	Elective GEOL*	FWS		5	G1/G2 (multicultural/gender)	FWS		4	B5 (NSCI capstone)	FWS		4	
	Free elective	FWS		4	C5 (HUM capstone)	FWS		4	Free elective	FWS		4	
	Free elective	FWS		4	Elective GEOL*	FWS		4	Free elective	FWS		4	
	Quarter Units:			16	Quarter Units:			16	Quarter Units:			14	46
	* Minimum 9 units of geology electives chosen from approved list												
												total to graduate	180

Prerequisite Chains:

Chem 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
 A. Basic Skills (12 units)

Course @ CSUSB

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| 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 Transition | 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 |

DATE: 9/28/2017

Degree:	BA Geological Sciences 2 year Assumes all GE and required lower division courses completed												
	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 312	W		4	GEOL 398	S		1	
									C5 (HUM capstone)	FWS		4	
	Quarter Units:			13	Quarter Units:			12	Quarter Units:			14	39
Year 4	Elective GEOL*	FWS		5	GEOL 330	W		5	GEOL 590	S		2	
	GEOL 399	F		3	G1/G2 (multicultural/gender)	FWS		4	GEOL 340	S		5	
	D5 (SBS capstone)	FWS		4	Elective GEOL*	FWS		4	B5 (NSCI capstone)	FWS		4	
	Quarter Units:			12	Quarter Units:			13	Quarter Units:			11	36
													75
* Minimum 9 units of geology electives chosen from approved list													

Prerequisite Chains:	
Chem 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 Ed 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, Psc 105, Soc 180 180, Phil 200
- 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, 221 121, 221, Astr 103
 4. Special Topics in Science Biol 216, 217, Chem Chem 105, Csci 122, 129 Geo 210 205
 5. Integrative Capstone Nsci 300, 310, 314, 320, 325, 351, 360 315
- 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 Flan 102, 150, Fren 102, 150, 200, 202, 290 Arab 102, 150, 214, 290; Asl 102, 150
Ger 102, 150, 212, 214, 216, 290, Japn 102, Mand 150, 290, Mand 102, 150, 290
Span 102, 150, 155, 212, 214, 214, 290
 4. Philosophy Phil 190, 191, 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 (Phyc Nsci 110; Kine 205
 2. The Whole Person (Social Phil 101; Psc 115; Sco 110 Fin 101
 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