		Degree: Geology, B.A. 22-23		
Requirement Are	ea Course	Course Title First Semester (FALL)	Prerequisites	Units
E	GS 101A	Foundations of Success I		1
A1	COMM 100	Communication		3
			Satisfactory score of 78 or higher on Math Proficiency Assessment	
B1/B3	PHYS 125	General Physics I	or MATH 120.	4
LD Major B4	GEOL 210 MATH 120	Physical and Environmental Geology Precalculus		3
54	IVIAITI 120	Tredicales	Total:	15
		Second Semester (SPRING)		
E	GS 101B	Foundations of Success II		1
A2 C2	ENGL 102	Accelerated College Writing		3
LD Major	GEOL 211	Historical Geology		4
LD Major	PHYS 126	General Physics II	PHYS 125	4
		Third Semester (FALL)	Total:	15
E	T	Third Semester (FALL)		1
A3	PHIL 100	Workshop in Critical Thinking		3
B2	1			3
Second Composit	ion			3
LD Major	CHEM 111	General Chemistry I		3
LD Major	CHEM 111L	General Chemistry Lab I		2
			Total:	15
	_	Fourth Semester (SPRING)		
*Add'l C1 or C2				3
D1				3
Code 1			011514444 111 1 0	3
LD Major	CHEM 112	General Chemistry II	CHEM 111 with grade C- or better.	5
LD Major	GEOL 297	Introductory Field Course	or better.	1
zz majo.	0202237	introductory Freid Course		
			Total:	15
		Fifth Semester (FALL)	1	
Elective				1
D2				3
F	+	Ethnic Studies	CHEM 112 and GEOL	3
UD Major	GEOL 360	Mineralogy and Optical Mineralogy	210	4
LD Major	GEOL 260	Introduction to GIS		3
LD IVIAJOI	GLOL 200	introduction to dis	Total:	14
		Sixth Semester (SPRING)	iotai.	1 27
Elective				3
UD-D/Overlay				3
UD Major	GEOL 361	Ig Met Petrology	GEOL 360	4
UD Major	GEOL 371	Sedimentary Geology and Stratigraphy	GEOL 361	4
	GEOL 397A, B,			_
UD Major	С	Upper division field course 1		2
		Soventh Samester (5411)	Total:	16
		Seventh Semester (FALL)		
C1				3
UD Major	GEOL 381	Structural Geology	GEOL 360	5
UD-B/Overlay				3
UD Major	GEOL	Disciplinary breadth/depth elective		3
			Total:	14
		Eighth Semester (SPRING)	iotai.	14
Code 2	T	Lighth Schiester (SPRING)		3
UD Major	GEOL	Disciplinary breadth/depth elective		3
UD Major	GEOL	Disciplinary breadth/depth elective		4
-7	1	, , , , , , , , , , , , , , , , , , ,	Junior or senior	Ť
UD Major	GEOL 499	Seminar in Geology	standing.	3
UD-C/Overlay	1			3
			Total:	16
Total Units:				120

Note: No changes to, or from, the credit/no credit pattern are permitted after the Grade Type Change period. There are no exceptions to this rule. Courses in a student's major department, regardless of course prefix, may not be taken "CR/NC," unless that is the only grading pattern in the course.

	General Breadth and Graduation Requirement Checklist
	(9 units): Communication in the English Language & Critical
	Thinking (Must earn passing grade of C-/CR or better) DMM 100 or 104, MLL 111
	IGL 101, 102, or 104
☐ A3. PH	
Area	B (9 units) : Scientific Inquiry & Quantitative Reasoning
	ysical Science
	e Science
🗆 B3. Lal	boratory Activity
	uantitative Reasoning (Must earn passing grade of C-/CR or bett
	(9 units): Arts & Humanities - Minimum of three different
C1. Art	lines as designated by course prefix (e.g., ART, THEA, MUS)
	imanities
	tional Lower-division Area C Course in Arts (C1) or Humanities
(C2)	. ,
	D (6 units) : Social Sciences - Minimum of three different
	nes as designated by course prefix (e.g., ANTH, ECON, POSC)
□ D1. □ D2.	
	ea E (3 units) : Lifelong Learning and Self-Development
□ E.	1
	Area F (3 units): Ethnic Studies
□ F.	
	Composition : Requires completion of GE A2 with a C-/CR or
	ter. Must be completed before attaining junior standing.
	d Composition
U.S. COUE	(American Institutions Requirement) - Two courses (6 units)
covering	g three U.S. Code Requirements of US-1 (U.S. History), US-2
covering (U.S. Co	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government).
covering (U.S. Co	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1.
covering (U.S. Co Code 1	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after
Code 2 Code 2 Upper	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR)
Code 2 Code 2 Upper	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after
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Covering (U.S. Co Code 1 Code 2 Upper UD-B. UD-C.U	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences
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covering (U.S. Co Code 2 Upper UD-B. UD-C.I	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences By Requirements (9 units): Courses may be upper or lower division, and GE or major
covering (U.S. Co Code 2 Upper UD-B. UD-C.I UD-D. Overla	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences by Requirements (9 units): Courses may be upper or lower division, and GE or major
covering (U.S. Co Code 2 Upper UD-B. UD-C.I UD-D. Overla Social	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences by Requirements (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SI)
covering (U.S. Co Code 2 Upper UD-B. UD-C.I UD-D. Overla Social	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences by Requirements (9 units): Courses may be upper or lower division, and GE or major
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covering (U.S. Co Code 2 Upper UD-B. UD-C.I UD-D. Overla Social Sustain General E minimum	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences by Requirements (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SI) nability (S) Elective Courses 3. A. Geology degree program students must choose a of 9 units from the following list to complete the major:
COVERING CODE 2 Upper UD-B. UD-C.(UD-D. Overla Social Sustain General E minimum ENSC 350	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences 1y Requirements (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SI) nability (S) Elective Courses 3. A. Geology degree program students must choose a or 9 units from the following list to complete the major: D- Environmental Hydrology Units: 4; G.E./G.R. Area:
covering (U.S. Co Code 2 Upper UD-B. UD-C.I. UD-D. Overla Social Sustain General E minimum ENSC 350 Sustainab	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences and Experiments (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SI) nability (S) Elective Courses 3. A. Geology degree program students must choose a conf 9 units from the following list to complete the major: 1. Environmental Hydrology Units: 4; G.E./G.R. Area: sility
COVERING CODE 2 Upper UD-B. UD-C.I UD-D. Overla Social Sustain ENSC 356 Sustainab ENSC 410	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences by Requirements (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SJ) nability (S) Elective Courses 3.A. Geology degree program students must choose a of 9 units from the following stist to complete the major: 1. Environmental Hydrology Units: 4; G.E./G.R. Area: 1. Geohealth Units: 3
COVERING CODE 2 Upper UD-B. UD-C.I UD-D. Overla Social Sustain General Eminimum ENSC 350 Sustainab ENSC 410 GEOL 311	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Social Sciences by Requirements (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SJ) nability (S) Elective Courses 3.A. Geology degree program students must choose a cof 9 units from the following list to complete the major: 1. Environmental Hydrology Units: 4; G.E./G.R. Area: illity 1. Geohealth Units: 3 1. Geomorphology Units: 3
covering (U.S. Co Code 2 Upper UD-B. UD-C.U UD-D. Overla Social Sustaina General E ENSC 350 Sustaina ENSC 410 GEOL 341 GEOL 341	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences By Requirements (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses By Requirements (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses By Requirements (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses By Requirements (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Courses may be upper or lower division, and GE or major By Interest (9 units): Course (9 un
covering (U.S. Co Code 2 Upper UD-B. UD-C.I. UD-D. Overla Social Sustainate ENSC 350 Sustainate ENSC 410 GEOL 341 GEOL 342 GEOL 342	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences By Requirements (9 units): Courses may be upper or lower division, and GE or major By Berlin (Bi) By Berlin (B) By B
COVERING CODE 2 UDD-B. UD-C.I. UD-D. Overla Social Sustaina ENSC 410 GEOL 341 GEOL 342 GEOL 342 GEOL 343	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences 1y Requirements (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SI) nability (S) Elective Courses 3. A. Geology degree program students must choose a of 9 units from the following list to complete the major: 1. Environmental Hydrology Units: 4; G.E./G.R. Area: 2. Environmental Coenography Units: 3 2. General Oceanography Units: 4 2. Planetary Geology Units: 3 3. Atmospheric Science Units: 3
COVERING CODE 2 UDD-B. UD-C.I. UD-D. Overla Social Sustaina ENSC 410 GEOL 341 GEOL 342 GEOL 342 GEOL 343	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences By Requirements (9 units): Courses may be upper or lower division, and GE or major By Berlin (Bi) By Berlin (B) By B
COVERING CODE 2 Upper UD-B. UD-C.I UD-D. Overla Social Sustainab ENSC 4306 GEOL 341 GEOL 342 GEOL 343 GEOL 343 GEOL 343 GEOL 343	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Social Sciences by Requirements (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SJ) Inability (S) Elective Courses 3. A. Geology degree program students must choose a of 9 units from the following list to complete the major: 10 - Environmental Hydrology Units: 4; G.E./G.R. Area: 11 - Geomorphology Units: 3 12 - Geomorphology Units: 3 13 - Geomorphology Units: 3 14 - General Oceanography Units: 3 15 - Almospheric Science Units: 3 16 - Advanced Field Experience Units: 2
COVERING CODE 2 Upper UD-B. UD-C.I UD-D. Overla Social Sustain General Eminimum ENSC 4100 GEOL 341 GEOL 342 GEOL 343 GEOL 343 GEOL 431	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences 1y Requirements (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SI) nability (S) Elective Courses 3. A. Geology degree program students must choose a of 9 units from the following list to complete the major: 1. Environmental Hydrology Units: 4; G.E./G.R. Area: 2. Environmental Coenography Units: 3 2. General Oceanography Units: 4 2. Planetary Geology Units: 3 3. Atmospheric Science Units: 3
COVERING CODE 2 UD-B. UD-B. UD-C.I. UD-D. Overla Social Sustain General Eminimum ENSC 350 Sustainab ENSC 410 GEOL 341 GEOL 342 GEOL 343 GEOL 431 GEOL 431 GEOL 431 GEOL 431	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences By Requirements (9 units): Courses may be upper or lower division, and GE or major By B
COVERING CODE 2 UDD-B. UD-C.I. UD-D. Overla Social Sustainab ENSC 350 Sustainab ENSC 410 GEOL 341 GEOL 342 GEOL 343 GEOL 433 GEOL 431 GEOL 432 GEOL 431 GEOL 434	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences 10 Requirements (9 units): Courses may be upper or lower division, and GE or major 11 tity (Div) 12 Justice (SI) 13 A. Geology degree program students must choose a of 9 units from the following list to complete the major: 14 - Environmental Hydrology Units: 3 15 - Geonealth Units: 3 16 - Geomorphology Units: 3 17 - Advanced Field Experience Units: 3 18 - Atmospheric Science Units: 3 19 - Applied Geophysics Units: 4 10 - Hydrogeology Units: 4 10 - Hydrogeology Units: 4 11 - Earthquake Geology Units: 3 12 - Geographic Information Systems for Earth and
COVERING COME 2 UDD-B. UD-C. COME 2 UDD-D. OVERIA SOCIAL SUSTAINA GEOL 341 GEOL 341 GEOL 342 GEOL 343 GEOL 343 GEOL 343 GEOL 431 GEOL 431 GEOL 431 GEOL 431 GEOL 431 GEOL 432 GEOL 431 GEOL 431	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 1. 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Social Sciences by Requirements (9 units): Courses may be upper or lower division, and GE or major ity (Div) Justice (SJ) Inability (S) Elective Courses 3.A. Geology degree program students must choose a of 9 units from the following list to complete the major: 10 Environmental Hydrology Units: 4; G.E./G.R. Area: 11 Geomorphology Units: 3 12 Geomorphology Units: 3 13 Atmospheric Science Units: 3 14 Advanced Field Experience Units: 2 15 Applied Geophysics Units: 4 16 Hydrogeology Units: 4 17 Advanced Field Experience Units: 3 18 Geographic Information Systems for Earth and lental Sciences Units: 4
COVERING COME 2 Upper UD-B. UD-C.I UD-D. Overla Social Sustaina ENSC 350 Sustainab ENSC 410 GEOL 341 GEOL 342 GEOL 343 GEOL 432 GEOL 432 GEOL 432 GEOL 432 GEOL 434 GEOL 434	g three U.S. Code Requirements of US-1 (U.S. History), US-2 nstitution), and US-3 (California State & Local Government). 2. Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) Upper-division Science Inquiry and Quantitative Reasoning Upper-division Arts OR Humanities Upper-division Social Sciences 10 Requirements (9 units): Courses may be upper or lower division, and GE or major 11 tity (Div) 12 Justice (SI) 13 A. Geology degree program students must choose a of 9 units from the following list to complete the major: 14 - Environmental Hydrology Units: 3 15 - Geonealth Units: 3 16 - Geomorphology Units: 3 17 - Advanced Field Experience Units: 3 18 - Atmospheric Science Units: 3 19 - Applied Geophysics Units: 4 10 - Hydrogeology Units: 4 10 - Hydrogeology Units: 4 11 - Earthquake Geology Units: 3 12 - Geographic Information Systems for Earth and

^{*}Students are required to take a minimum of 40 semester units as upper division (includes 9 units upper division GE)