	Degree: En	vironmental Science, B.S. 23-24		
Requirement Area	Course	Course Title	Prerequisites	Units
		First Semester (FALL)		
E	SCI 130	Connecting to STEM Majors		2
A1	COMM 100	Communication		3
B1/LD Major B3/LD Major	CHEM 111 CHEM 111L	General Chemistry I		3
LD Major	ENSC 280	General Chemistry Lab I General Environmental Science		3
ED WINGO	LINE 200	School Elwiomichal School	One from the following: Satisfactory score of 78 or higher on Mathematics Placement Exam, MATH 120 or MATH 125 (either course with grade C- or	
B4	MATH 130	Calculus I	better).	4
			Total:	17
		d Cd (CRRING)		
A2	ENGL 102	cond Semester (SPRING) English Composition		3
Add'l C1 or C2	open open	English Composition		3
D1	open	Social Science GE elective		3
51	ope	Social Science SE cicente	CHEM 111 with grade C-	Ť
LD Major	CHEM 112	General Chemistry II	or better.	5
			Total:	14
		Third Semester (FALL)		
A3	PHIL 100	Workshop in Critical Thinking		3
B2/LD Major	ENSC 240	Environmental Biology		3
C1	open	Fine Arts Elective	Satisfactory score of 78 or higher on Math Proficiency Assessment	3
LD Major	PHYS 125	Principles of Physics I	or MATH 120.	4
LD Major	ENSC 241	Environmental Biology laboratory		1
	_		Total:	14
Caranal Carana askina		ourth Semester (SPRING)		_
Second Composition	ENGL 200 or PHYS 230			3
E				1
C2	open	Humanities Elective		3
Code 1/D2	open	American History elective		3
,		,		_
LD Major	PHYS 126	Principles of Physics II	PHYS 125.	4
LD Major	ENSC 297	Disciplinary Field course		1
			Total:	15
	1	Fifth Semester (FALL)		
_		E		١.
F		Ethnic Studies		3
UD-B	open	UD Science GE elective		3
LD Elective	ENSC 260	Introduction to GIS		3
LD Major	GEOL 210	Physical and Environmental Geology		4
UD Major	ENSC	Disciplinary breadth/depth elective		3
			Total:	16
		ixth Semester (SPRING)		_
UWR/UD-C/Overlay	open	UD Arts/Humanities GE elective		3
UD Major	ENSC 350/GEOL 432	Env Hydrology or Hydrogeology	Either CHEM 100 or Completion of GE area	4
UD Major	STAT 303 BIOL 350	UD Statistics Ecology	MATH 115, STAT 303, and either BIOL 140B or ENSC 280.	4
			Total:	14
		eventh Semester (FALL)		
Code 2	open	California History elective	-	3
UD-D/Overlay	open	UD Social Science GE elective		3
UD Major	ENSC 420/ENSC 414/ENSC 497	Global Change (or other UD Systems course)		3
UD Major	open, e.g. ENVT 330	UD Environmental Policy or Ethics elective		3
UD Major	ENSC	Disciplinary breadth/depth elective	L	3
			Total:	15
	E	ighth Semester (SPRING)		
UD Major	GEOL	Disciplinary breadth/depth elective		4
UD Major	ENVT 410	Environmental Impact Analysis	ENVT 310	3
UD Major	ENVT	Disciplinary breadth/depth elective		3
UD Major	ENSC 397	Advanced Field Experience	GEOL/ENSC 297 and	2
UD Major	ENSC 499	Capstone Seminar	Junior or senior	3
			Total:	15
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.

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

Revised: 03/24/23

B.1. Physical Science B.1. Physical Science B.1. Physical Science B.1. Physical Science B.1. Physical Science B.2. Life Science B.2. Life Science B.3. Laboratory Activity B.4. Quantitative Reasoning (Must earn passing grade of C./CR or better.) Area C. Gunis; J. Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) C.1. Arts C.2. Humanities C.3. Humanities C.4. Humanities C.4. Humanities C.4. Humanities C.4. Humanities C.4. Humanities C.5. Area D (6 units): Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) D.1. D.2. D.1. D.2. Area E (3 units): Lifelong Learning and Self-Development E.	A1. CC	(Must earn passing grade of C-/CR or better)
□ As. Pell. 100 Area B (9 units): Scientific Inquiry & Quantitative Reasoning □ B1. Physical Science □ B2. Life Science □ B3. Laboratory Activity □ B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.) Area C (9 units): Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) □ C1. Arts □ C2. Humanities □ "Additional Lower-division Area C Course in Arts (C1) or Humanities (C2) Area D (6 units): Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ARTH, ECON, POSC) □ D1. Area E (3 units): Lifelong Learning and Self-Development □ E. Area F (3 units): Ethnic Studies □ Area E (3 units): Lifelong Learning and Self-Development □ E. Area F (3 units): Ethnic Studies □ Second Composition University Writing Requirement □ UNR □ US. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ UD-0. Upper-division Arts OR Humanities □ UD-0. Upper-division Science Inquiry and Quantitative Reasoning □ UD-0. Upper-division Arts OR Humanities □ UD-0. Upper-division Arts OR Humanities □ UD-0. Upper-division Science Inquiry and Quantitative Reasoning over a Requirements (9 units): Courses may be upper or lower division, and GE or major □ UD-0. Upper-division Science Inquiry and Quantitative Reasoning over a Requirement (9 units): Courses may be upper or lower division, and GE or major □ UD-0. Upper-division Science Inquiry and Quantitative Reasoning over division, and GE or major □ Diversity (Div) □ Code 1. □ Code 2. □ Code 2. □ Code 3. □ Code 4.1 (Code Code Code Code Code Code Code Code		
□ B1. Physical Science □ B2. Life Science □ B3. Laboratory Activity □ B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.) Area C (9 units): Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) □ C1. Arts □ C2. Humanities □ *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2) Area D (6 units): Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) □ D1. □ D2. ■ Area E (3 units): Lifelong Learning and Self-Development □ E. ■ Area F (3 units): Ethnic Studies □ F. ■ Second Composition: Requires completion of GE A2 with a C-/CR or better. ■ Must be completed before attaining junior standing. □ UWR ■ U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. ■ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C-(CR) □ UD-B. Upper-division Arts OR Humanities □ UD-D. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C.Upper-division Science Inquiry and Quantitative Reasoning □ UD-C.Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Science Inquiry sand Quantitative Reasoning □ Upper Divisity (Div) □ Social Justice (S1) □ Sustainability (S)		
□ B3. Laboratory Activity □ B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.) □ R4 Cas (9 units): Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) □ C1. Arts □ C2. Humanities □ Additional Lower-division Area C Course in Arts (C1) or Humanities (C2) □ Area D (6 units): Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) □ D1. □ D2. □ Area E (3 units): Lifelong Learning and Self-Development □ E. ■ Area F (3 units): Ethnic Studies □ F. Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing. □ Second Composition: □ University Writing Requirement □ UWR □ U.S. Code (American Institutions Requirements) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Coorstitution), and US-3 (California State & Local Government). □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Science Inquiry and Quantitative Reasoning □ Ub-Scial Justice (S) □ Sustainability (
□ 83. Laboratory Activity □ 84. Quantitative Reasoning (Must earn passing grade of C-/CR or better.) Area C 9 units): Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) □ C1. Arts □ C2. Humanities □ *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2) Area D (6 units): Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ARTH, ECON, POSC) □ D1. □ D2. ■ Area E (3 units): Lifelong Learning and Self-Development □ E. ■ Area F (3 units): Ethnic Studies □ F. Second Composition ■ University Writing Requirement □ UWR □ U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of U.S. History), U.S.2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ UDP-B. Upper-division Science Inquiry and Quantitative Reasoning □ UD-B. Upper-division Arts OR Humanities □ UD-D. Upper-division Arts OR Humanities □ UD-D. Upper-division Social Sciences ○ UD-S. Upper-divisio		
□ B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.) □ Carta (S units): Arts & Humanities: —Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) □ C3. Humanities □ C3. Humanities □ C3. Humanities □ C4. Humanities (C2) □ Area D (6 units): Social Sciences Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) □ D1. □ D2. ■ Area E (3 units): Lifelong Learning and Self-Development □ E. ■ Area F (3 units): Ethnic Studies □ F. ■ Second Composition □ University Writing Requirement □ UWR □ US. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of U.S. History), U.S.2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Science Inquiry and Diversity (Div) □ Social Justice (S) □ Sustainability (□ B2. LIII	- Science
□ B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.) □ Carta (S units): Arts & Humanities: —Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) □ C3. Humanities □ C3. Humanities □ C3. Humanities □ C4. Humanities (C2) □ Area D (6 units): Social Sciences Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) □ D1. □ D2. ■ Area E (3 units): Lifelong Learning and Self-Development □ E. ■ Area F (3 units): Ethnic Studies □ F. ■ Second Composition □ University Writing Requirement □ UWR □ US. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of U.S. History), U.S.2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Science Inquiry and Diversity (Div) □ Social Justice (S) □ Sustainability (
□ B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.) □ Carta (S units): Arts & Humanities: —Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) □ C3. Humanities □ C3. Humanities □ C3. Humanities □ C4. Humanities (C2) □ Area D (6 units): Social Sciences Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) □ D1. □ D2. ■ Area E (3 units): Lifelong Learning and Self-Development □ E. ■ Area F (3 units): Ethnic Studies □ F. ■ Second Composition □ University Writing Requirement □ UWR □ US. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of U.S. History), U.S.2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Science Inquiry and Diversity (Div) □ Social Justice (S) □ Sustainability (
□ B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.) □ Carta (S units): Arts & Humanities: —Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) □ C3. Humanities □ C3. Humanities □ C3. Humanities □ C4. Humanities (C2) □ Area D (6 units): Social Sciences Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) □ D1. □ D2. ■ Area E (3 units): Lifelong Learning and Self-Development □ E. ■ Area F (3 units): Ethnic Studies □ F. ■ Second Composition □ University Writing Requirement □ UWR □ US. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of U.S. History), U.S.2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Science Inquiry and Diversity (Div) □ Social Justice (S) □ Sustainability (
□ B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.) □ Carta (S units): Arts & Humanities: —Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) □ C3. Humanities □ C3. Humanities □ C3. Humanities □ C4. Humanities (C2) □ Area D (6 units): Social Sciences Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) □ D1. □ D2. ■ Area E (3 units): Lifelong Learning and Self-Development □ E. ■ Area F (3 units): Ethnic Studies □ F. ■ Second Composition □ University Writing Requirement □ UWR □ US. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of U.S. History), U.S.2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Science Inquiry and Diversity (Div) □ Social Justice (S) □ Sustainability (
Area C (9 units): Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS) C 1. Humanities C 2. Humanities C 3. Humanities C 4. Automaticies C 5. Area D (6 units): Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) D 1. D 2. Area E (3 units): Lifelong Learning and Self-Development E 6. Area F (3 units): Lifelong Learning and Self-Development E 7. Second Composition: Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing. Second Composition University Writing Requirement UWR U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of U5-1 (U.S. History), U5-2 (U.S. Constitution), and US-3 (California State & Local Government). Code 1. Code 2. Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) UD-B. Upper-division Arts OR Humanities UD-C. Upper-division Arts OR Humanities UD-D. Upper-division Arts OR Humanities UD-D. Upper-division Science Inquiry and Quantitative Reasoning UD-C. Upper-division Science Inquiry and Quantitative Reasoning Diversity (Div) Social Justice (SI) Sustainability (S) Elective Coursework Only students NOT choosing the Environmental Health concentration are Choose one (1) course for 3 units: GEOG 225 - Fundamentals of GIS Units: 3 ENSC 240 - Global Change Units: 3; G.E./G.R. Area: Sustainability ENSC 497 - Special Topics and Issues in Environmental Sciences Units: 3; Plus choose one (1) course for 3 units from the following: ENSC 414 - Hazardous Waste Management Units: 3; G.E./G.R. Area: Sustainability ENSC 430 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability ENSC 430 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability BO3 30 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability BO4 - Environmental Literature Units: 4		
C1. Arts C2. Humanities Art C2. Humanities Area Course in Arts (C1) or Humanities (C2) Area C2 Humanities Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) D1. D2. Area E (3 units) : Lifelong Learning and Self-Development E. Area F (3 units) : Lifelong Learning and Self-Development E. Area F (3 units) : Lifelong Learning and Self-Development E. Area F (3 units) : Lifelong Learning and Self-Development University Writing Requirement University Writing Requirement University Writing Requirement University Writing Requirement UNIVER UNIVERSE UN		
□ C2. Humanities - *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2) Area D (6 units): Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) □ D1. □ D2. Area E (3 units): Lifelong Learning and Self-Development □ E. Area F (3 units): Ethnic Studies □ F. Second Composition: Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing. □ Second Composition □ University Writing Requirement □ UWR □ US. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Code) 1. □ Code 1. □ Code 2. □ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-D. Upper-division Ars OR Humanities □ UD-D. Upper-division Ars OR Humanities □ UD-D. Upper-division Science Inquiry and Quantitative Reasoning □ Ub-D. Upper-division Ars OR Humanities □ UD-D. Upper-division Sciences Inquiry and Quantitative Reasoning □ Diversity (Div) □ Social Justice (SJ) □ Sustainability (5) □ Sustainability □ Code (1) course for 3 units from the following: □ Senson (1) course for 3 units from the following: □ Sustainability □ Senson (1) course for 3 units from the following: □ Sustainability □ Senson (1) course for 3 units from the following: □ Sustainability □ Sustainability □ Sustainability □ Sustainability □ Sustainability □ Canda (1) Course for 3 units from the following: □ Sustainability □ Sustain	Alea C (3	
□ *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2) Area D (6 units) : Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) □ 1. □ 2. Area E (3 units) : Lifelong Learning and Self-Development □ 2. Area E (3 units) : Lifelong Learning and Self-Development □ 3. □ 4. Area E (3 units) : Lifelong Learning and Self-Development □ 5. Area E (3 units) : Ethnic Studies □ 5. Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing. □ 5. Second Composition □ UWR □ 5. □ 5. □ 5. □ 5. □ 6. □ 6. □ 6. □ 6. □ 6. □ 7. □ 7. □ 8. □ 8. □ 8. □ 8. □ 8. □ 8. □ 8. □ 8. □ 8. □ 8. □ 8. □ 8. □ 8. □ 10.		
Area D (6 units): Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC) D1. D2. Area E (3 units): Lifelong Learning and Self-Development E. Area F (3 units): Ethnic Studies Area F (3 units): Ethnic Studies Area F (3 units): Ethnic Studies F. Second Composition: Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing. UNR USC. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Code) three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Code) 1. Code 1. Code 1. UD-B. Upper-division GE Requirements (9 units): Should be taken after completion of A1A, A2, A3, and B4 with a C- (CR) UD-D. Upper-division Arts OR Humanities Out-Outper-division Arts OR Humanities Ou		
□ D1. □ D2. Area E (3 units): Lifelong Learning and Self-Development □ E. Area F (3 units): Ethnic Studies □ E. Area F (3 units): Ethnic Studies □ E. Area F (3 units): Ethnic Studies □ E. Second Composition: Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing. □ Second Composition □ University Writing Requirement □ UWR □ U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-B. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C- Upper-division Arts OR Humanities □ UD-D. Upper-division Arts OR Humanities □ UD-D. Upper-division Science Inquiry and Quantitative Reasoning □ Diversity (Div) □ Social Justice (SJ) □ Sustainability (S) □ Elective Coursework Only students NOT choosing the Environmental Health concentration are Choose one (1) course for 3 units: GEOG 225 - Fundamentals of GIS Units: 3 ENSC 260 - Introduction to GIS in Earth and Environmental Sciences Units: 3; Plus choose one (1) course for 3 units from the following: ENSC 414 - Hazardous Waste Management Units: 3; G.E./G.R. Area: Sustainability ENSC 497 - Special Topics and Issues in Environmental Sciences Units: 3 And, choose one (1) course for 3-4 units from the following: ENSC 430 - Global Change Units: 3; G.E./G.R. Area: UD-C; Sustainability ENSC 437 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability ENSC 434 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability ENSC 434 - Environmental Literature Units: 3; G.E./G.R. Area: UD-D; Depth Electives BIOL 454 - Biology of Fungi Units: 4 BIOL 469 - Conservation Biology Units: 4 GHEM 230 - Canutitative Analysis Units: 4 GHEM 231 - Canutitative Analysis Units: 4 GHEM 232 - Canutitative Analysis Units: 4 GHEM 235 - C		
□ D2. Area E (3 units): Lifelong Learning and Self-Development □ E. Area F (3 units): Ethnic Studies □ F. Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing. □ Second Composition □ University Writing Requirement □ UWR □ US. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-B. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Sciences □ UD-D. Upper-division Sciences □ UD-D. Upper-division Arts OR Humanitive □ UD-D. Upper-division Sciences □ UD-D. Upper-division Arts OR Humanitive □ UD-D. Upper-division Arts OR Humanitive □ UD-D. Upper-division Sciences □ Upper-division Sciences □ Upper-division Arts OR Humanitive □ Upper-division GE Requirements (9 units): Sources □ Upper-division GE Requirements (9 units): Sustainability (S) □ Sustainability (S) □ Sustainability □ Sust		
Area E (3 units): Lifelong Learning and Self-Development E.		
□ E. Area F (3 units): Ethnic Studies Rescond Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing. □ Second Composition University Writing Requirement University Writing Requirement University Writing Requirement University Writing Requirement UNIVERSITY U.S. Code (American Institutions Requirement) - Two courses (6 units) Code 1. □ Code 2. Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) UD-B. Upper-division Science Inquiry and Quantitative Reasoning UD-C. Upper-division Science Inquiry and Quantitative Reasoning UD-D. Upper-division Science Inquiry and Quantitative Reasoning UD-D. Upper-division Science Inquiry and Quantitative Reasoning UD-D. Upper-division Science Inquiry and Guantitative Reasoning UD-D. Upper-division Science Inquiry and Guantitative Reasoning UD-D. Upper-division Social Sciences UD-D. Upper-division Social Sciences UD-D. Upper-division Arts OR Humanities UD-D. Upper-division Social Sciences UD-D. Upper-division Sciences UD-D. Upper UD-D. Uppe	UZ.	Area E (3 units): Lifelong Learning and Self-Development
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□ UWR U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Local Government). □ Code 1. □ Code 2. □ Uper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-B. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C. Upper-division Social Sciences □ UD-D. Upper-division Social Sciences □ Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major □ Diversity (Div) □ Social Justice (SI) □ Sustainability (S) □ Sustainability (S) □ Elective Coursework □ Only students NOT choosing the Environmental Health concentration are □ Choose one (1) course for 3 units: □ GEOG 225 - Fundamentals of GIS Units: 3 □ ENSC 260 - Introduction to GIS in Earth and Environmental Sciences Units: 3; □ Plus choose one (1) course for 3 units from the following: □ ENSC 240 - Global Change Units: 3; G.E./G.R. Area: Sustainability □ ENSC 420 - Global Change Units: 3; G.E./G.R. Area: Sustainability □ ENSC 437 - Special Topics and Issues in Environmental Sciences Units: 3 □ ENGL 342 - Environmental Economics Units: 3 □ ENGL 342 - Environmental Lerrature Units: 4; G.E./G.R. Area: UD-C; Sustainability □ ENSC 434 - Environmental Lerrature Units: 4; G.E./G.R. Area: UD-C; Sustainability □ ENSC 434 - Environmental Lerrature Units: 3; G.E./G.R. Area: UD-D; Sustainability □ ENSC 434 - Environmental Lerrature Units: 3; G.E./G.R. Area: UD-D; Sustainability □ ENSC 434 - Environmental Sciences Units: 3 □ ENGL 345 - Environmental Sciences Units: 3 □ ENGL 346 - Climate Change, Health, and Equity Units: 3; G.E./G.R. Area: UD-D; Sustainability □ ENSC 430 - Environmental Sciences Units: 3 □ ENGL 345 - Environmental Sciences Units: 4 □ ENSC 430 - Georgaphic Information Systems fo	□ Secon	
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□ Code 1. □ Code 2. □ Code 2. □ Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) □ UD-B. Upper-division Science Inquiry and Quantitative Reasoning □ UD-D. Upper-division Social Sciences □ UD-D. Upper-division Social Sciences □ Worday Requirements (9 units): Courses may be upper or lower division, and GE or major □ Diversity (Div) □ Social Justice (SJ) □ Sustainability (S) □ Sustainability (S) □ Elective Coursework Only students NOT choosing the Environmental Health concentration are Choose one (1) course for 3 units: □ GEGG 225 - Fundamentals of GIS Units: 3 □ ENSC 260 - Introduction to GIS in Earth and Environmental Sciences Units: 3; Plus choose one (1) course for 3 units from the following: □ ENSC 414 - Hazardous Waste Management Units: 3; G.E./G.R. Area: Sustainability □ ENSC 497 - Special Topics and Issues in Environmental Sciences Units: 3 And, choose one (1) course for 3-4 units from the following: □ ENSC 497 - Special Topics and Issues in Environmental Sciences Units: 3 And, choose one (1) course for 3-4 units from the following: □ ENSC 430 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability □ ENSC 430 - Environmental Literature Units: 4; G.E./G.R. Area: UD-D; Sustainability □ ENSC 340 - Climate Change, Health, and Equity Units: 3; G.E./G.R. Area: UD-D; Sustainability □ ENSC 340 - Climate Change, Health, and Equity Units: 3; G.E./G.R. Area: UD-D; Social Justice □ POSC 344 - Environmental Law Units: 3 □ BIOL 433 - Environmental Sociology Units: 4; G.E./G.R. Area: UD-D □ Dublic Policy and the Environment Units: 3; G.E./G.R. Area: UD-D □ Dublic Policy and the Environment Units: 3; G.E./G.R. Area: UD-D □ Dublic Policy and the Environment Units: 4 □ GEOL 459 - Advanced GIS Units: 4 □ GEOL 459 - Conservation Biology Units: 4 □ GEOL 459 - Environmental Chemistry Units: 5 □ CHEM 331 - Geonor-Chemistry Units: 5 □ CHEM 345 - Environmental Chemistry Units: 5 □ CHEM 345 - Environmental Chemistry Units: 5 □ CHEM 345 - Environmental		
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of A1, A2, A3, and B4 with a C- (CR) □ UD-B. Upper-division Science Inquiry and Quantitative Reasoning □ UD-C. Upper-division Sciences Noverlay Requirements (9 units): Courses may be upper or lower division, and GE or major □ Diversity (Div) □ Social Justice (51) □ Sustainability (S) □ Elective Coursework Only students NOT choosing the Environmental Health concentration are Choose one (1) course for 3 units: GEGGG 225 - Fundamentals of GIS Units: 3 ENSC 260 - Introduction to GIS in Earth and Environmental Sciences Units: 3; Plus choose one (1) course for 3 units from the following: ENSC 414 - Hazardous Waste Management Units: 3 ; G.E./G.R. Area: Sustainability ENSC 497 - Special Topics and Issues in Environmental Sciences Units: 3 and, choose one (1) course for 3-4 units from the following: ECON 360 - Environmental Economics Units: 3 ENGL 432 - Environmental Literature Units: 4 ; G.E./G.R. Area: UD-C; Sustainability ENT 330 - Environmental Literature Units: 4 ; G.E./G.R. Area: UD-C; Sustainability ENST 340 - Climate Change, Health, and Equity Units: 3 ; G.E./G.R. Area: UD-D; Sustainability ENSC 340 - Subtia Change, Health, and Equity Units: 3 ; G.E./G.R. Area: UD-D; Sustainability ENSC 340 - Subtia Change, Health, and Equity Units: 3 ; G.E./G.R. Area: UD-D; Social Justice POSC 344 - Environmental Law Units: 3 BIOL 435 - Environmental Law Units: 3 BIOL 435 - Environmental Law Units: 3 BIOL 439 - Environmental Sociology Units: 4 ; G.E./G.R. Area: UD-D Depth Electives Choose a minimum of 9-11 units from the following depth-electives: BIOL 439 - Biology of Fungi Units: 4 BIOL 469 - Conservation Biology Units: 4 BIOL 469 - Conservation Biology Units: 4 BIOL 469 - Conservation Biology Units: 5 CHEM 315 - Centronmental Chemistry Units: 5 CHEM 325 - Environmental Chemistry Units: 5 CHEM 325 - Environmental Chemistry Units: 5 CHEM 325 - Environmental Chemistry Units: 5 CHEM 327 - Sedimentary Geology and Stratigraphy Units: 4 BIOL 460 - Ceographic Information Systems for Earth and Environmental Hocal Charles an		
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□ UD-C.Upper-division Arts OR Humanities □ UD-D. Upper-division Social Sciences Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major □ Diversity (Div) □ Social Justice (SI) □ Sustainability (5) □ Sustainability (6) □ Selective Coursework Only students NOT choosing the Environmental Health concentration are Choose one (1) course for 3 units: GEOG 225 - Fundamentals of GIS Units: 3 ENSC 260 - Introduction to GIS in Earth and Environmental Sciences Units: 3; Plus choose one (1) course for 3 units from the following: ENSC 414 - Hazardous Waste Management Units: 3; G.E./G.R. Area: Sustainability ENSC 420 - Global Change Units: 3; G.E./G.R. Area: Sustainability ENSC 437 - Special Topics and Issues in Environmental Sciences Units: 3 And, choose one (1) course for 3-4 units from the following: ECON 360 - Environmental Economics Units: 3 ENGL 342 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability ENST 330 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability HSC 340 - Climate Change, Health, and Equity Units: 3; G.E./G.R. Area: UD-D; Sustainability ENSC 411 - Public Policy and the Environment Units: 3; G.E./G.R. Area: UD-D; Depth Electives DPOSC 411 - Public Policy and the Environment Units: 3; G.E./G.R. Area: UD-D Depth Electives Choose a minimum of 9-11 units from the following depth-electives: BIOL 433 - Microbial Ecology Units: 4 CHEM 220 - Quantitative Analysis Units: 4 CHEM 220 - Conservation Biology Units: 4 CHEM 220 - Conservation Biology Units: 4 CHEM 220 - Geohealth Units: 3 GEOL 459 - Advanced GIS Units: 3 GEOL 459 - Advanced GIS Units: 3 GEOL 350 - Mineralogy and Optical Crystallography Units: 4 GEOL 360 - Mineralogy and Optical Crystallography Units: 4 GEOL 460 - Geographic Information Systems for Earth and Environmental Halb Units: 3; G.E./G.R. Area: UD-B; Sustainability HSC 460 - Emergency Preparedness and Response Units: 3	□ IID-R	
□ UD-D. Upper-division Social Sciences Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major □ Diversity (Div) □ Social Justice (SJ) □ Sustainability (S) Elective Coursework Only students NOT choosing the Environmental Health concentration are Choose one (1) course for 3 units: GEOG 225 - Fundamentals of GIS Units: 3 ENSC 260 - Introduction to GIS in Earth and Environmental Sciences Units: 3; Plus choose one (1) course for 3 units from the following: ENSC 260 - Introduction to GIS in Earth and Environmental Sciences Units: 3; Plus choose one (1) course for 3 units from the following: ENSC 414 - Hazardous Waste Management Units: 3; G.E./G.R. Area: Sustainability ENSC 429 - Special Topics and Issues in Environmental Sciences Units: 3 And, choose one (1) course for 3-4 units from the following: ECON 360 - Environmental Economics Units: 3 ENGL 342 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability ENSC 430 - Cilmate Change, Health, and Equity Units: 3; G.E./G.R. Area: UD-D; Sustainability ENSC 340 - Climate Change, Health, and Equity Units: 3; G.E./G.R. Area: UD-D; Social Justice POSC 344 - Environmental Law Units: 3 ENGL 345 - Environmental Law Units: 3 ENGL 345 - Environmental Law Units: 3 ENGL 347 - Environmental Sociology Units: 4; G.E./G.R. Area: UD-D Depth Electives Choose a minimum of 9-11 units from the following depth-electives: BIOL 433 - Microbial Ecology Units: 4 BIOL 459 - Conservation Biology Units: 4 BIOL 469 - Conservation Biology Units: 4 BIOL 469 - Conservation Biology Units: 5 CHEM 345 - Environmental Chemistry Units: 5 CHEM 345 - Environmental Chemistry Units: 4 ENEX 440 - Geopealhit Units: 3 GEOL 371 - Sedimentary Geology and Stratigraphy Units: 4 GEOL 371 - Sedimentary Geology and Stratigraphy Units: 4 GEOL 460 - Geographic Information Systems for Earth and Environmental Host Office and Stratigraphy Units: 4 GEOL 460 - Geographic Information Systems for Earth and Environmental Host Office and Stratigraphy Units: 3 GEOL 371		
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GEOG 225 - Fundamentals of GIS Units: 3 ENSC 260 - Introduction to GIS in Earth and Environmental Sciences Units: 3; Plus Choose one (1) course for 3 units from the following: ENSC 414 - Hazardous Waste Management Units: 3; G.E./G.R. Area: Sustainability ENSC 420 - Global Change Units: 3; G.E./G.R. Area: Sustainability ENSC 420 - Global Change Units: 3; G.E./G.R. Area: Sustainability ENSC 497 - Special Topics and Issues in Environmental Sciences Units: 3 And, choose one (1) course for 3-4 units from the following: ECON 360 - Environmental Economics Units: 3; G.E./G.R. Area: UD-C; Sustainability ENSC 340 - Climate Change, Health, and Equity Units: 4; G.E./G.R. Area: UD-D; Sustainability BISC 340 - Climate Change, Health, and Equity Units: 3; G.E./G.R. Area: UD-D; Social Justice POSC 344 - Environmental Law Units: 3 POSC 341 - Public Policy and the Environment Units: 3; G.E./G.R. Area: Sustainability SOC 330 - Environmental Sociology Units: 4; G.E./G.R. Area: UD-D Depth Electives Choose a minimum of 9-11 units from the following depth-electives: BIOL 433 - Microbial Ecology Units: 4 CHEM 220 - Quantitative Analysis Units: 4 CHEM 220 - Quantitative Analysis Units: 4 CHEM 220 - Geohealth Units: 3 GEOL 459 - Choremistry Units: 5 CHEM 425 - Environmental Intersity Units: 5 GEOL 351 - Geohealth Units: 3 GEOL 351 - Geoperablic Information Systems for Earth and Environmental HSC 300 - Environmental Health Units: 3; G.E./G.R. Area: UD-B; Sustainability HSC 340 - Georgraphic Information Systems for Earth and Environmental HSC 300 - Environmental Health Units: 3; G.E./G.R. Area: UD-B; Sustainability HSC 340 - Geoperable Information Systems for Earth and Environmental HSC 300 - Environmental Health Units: 3; G.E./G.R. Area: UD-B; Sustainability HSC 460 - Emergency Preparedness and Response Units: 3		
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ENSC 420 - Global Change Units: 3; G.E./G.R. Area: Sustainability ENSC 497 - Special Topics and Issues in Environmental Sciences Units: 3 And, choose one (1) course for 3-4 units from the following: ECON 360 - Environmental Economics Units: 3 RNGI 342 - Environmental Eurature Units: 4; G.E./G.R. Area: UD-C; Sustainability ENYT 330 - Environmental Literature Units: 4; G.E./G.R. Area: UD-C; Sustainability HISC 340 - Climate Change, Health, and Equity Units: 3; G.E./G.R. Area: UD-D; Social Justice POSC 344 - Environmental Law Units: 3 POSC 341 - Public Policy and the Environment Units: 3; G.E./G.R. Area: Sustainability SOC 330 - Environmental Sociology Units: 4; G.E./G.R. Area: UD-D Depth Electives Choose a minimum of 9-11 units from the following depth-electives: BIOL 433 - Microbial Ecology Units: 3 BIOL 454 - Biology of Fungi Units: 4 CHEM 220 - Quantitative Analysis Units: 4 CHEM 220 - Quantitative Analysis Units: 4 CHEM 220 - Geohealth Units: 3 GEOG 425 - Advanced GIS Units: 3 GEOG 459 - Geohealth Units: 3 GEOG 459 - Geohealth Units: 3 GEOG 350 - Mineralogy and Optical Crystallography Units: 4 GEOL 311 - Geomorphology Units: 3 GEOL 317 - Sedimentary Geology and Stratigraphy Units: 4 GEOL 317 - Sedimentary Geology and Stratigraphy Units: 4 GEOL 317 - Sedimentary Geology and Stratigraphy Units: 3 GEOL 319 - Environmental Health Units: 3; G.E./G.R. Area: UD-B; Sustainability HSC 360 - Environmental Health Units: 3 GEOL 361 - Rear Sustainability HSC 360 - Environmental Health Units: 3; G.E./G.R. Area: UD-B; Sustainability HSC 360 - Environmental Health Units: 3 GEOL 361 - Rear Sustainability HSC 360 - Environmental Health Units: 3; G.E./G.R. Area: UD-B; Sustainability HSC 360 - Environmental Health Units: 3; G.E./G.R. Area: UD-B; Sustainability HSC 360 - Environmental Health Units: 3; G.E./G.R. Area: UD-B; Sustainability HSC 360 - Environmental Health Units: 3; G.E./G.R. Area: UD-B; Sustainability	Plus choo	se one (1) course for 3 units from the following:
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