

Degree: Environmental Science, B.S.: Environmental Health Concentration				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester				
E	GS 101A	Foundations of Success I		1
A1				3
B1/B3	CHEM 111	General Chemistry I		5
B4	MATH 130	Calculus I		4
D1	open	Social Science GE elective		3
			Total:	16
Second Semester				
E	GS 101B	Foundations of Success II		1
A2	ENGL 102	English Composition		3
C2/Concentration	HSC 130	Health Humanities		3
D2/Code 1	POSC	POSC Political Science		3
LD Major	CHEM 112	General Chemistry II	CHEM 111 with grade C- or better.	5
			Total:	15
Third Semester				
E	INFO 210	Information Literacy		1
A3				3
B2/LD Major	ENSC 240	Environmental Biology		3
LD Major	ENSC 280	General Environmental Science		3
LD Major	PHYS 125	Principles of Physics I	Satisfactory score of 78 or higher on Math Proficiency Assessment or MATH 120.	4
B3/LD Major	ENSC 241	Environmental Biology laboratory		1
			Total:	15
Fourth Semester				
C3	open	Arts/Humanities GE elective		3
D3	open	Social Science GE elective		3
elective	open			2
LD Major	PHYS 126	Principles of Physics II	PHYS 125.	4
LD Major	ENSC 297	Introductory Field Experience		1
Writing II	open	Writing II elective		3
			Total:	16
Fifth Semester				
C1	open	Arts GE elective		4
Concentration	BIOL 230	Introduction to Clinical Microbiology		4
Concentration	CHEM 233	Fundamentals of Organic Chemistry	CHEM 112 with grade C- or better.	3
LD Major	GEOL 210	Physical Geology		4
			Total:	15
Sixth Semester				
D4/Concentration	HSC 362	Environmental Health Policy	Completion of GE areas A1, A2, A3 and B4	3
UD Major	ENSC 350/GEOL 432	Env Hydrology or Hydrogeology	CHEM 100, MATH 120 and PHYS 115.	4
UD Major	STAT 303/STAT 310	UD Statistics	Completion of GE area B4	3
UD Major	BIOL 350	Ecology	BIOL 140B, MATH 115, STAT 303.	4
			Total:	14
Seventh Semester				
C4	open	UD Arts/Humanities GE elective		3
Concentration	ENSC 414	Hazardous Waste Management	CHEM 112.	3
B6/Concentration	HSC 300	Environmental Health	Completion of GE areas A1, A2, A3 and B4 ; and ENSC 280.	3
UD Major	ENVT 410	Environmental Impact Analysis	ENVT 380	3
Concentration	HSC 330	Epidemiology	One of: STAT 100, STAT 110, STAT 303A.	3
			Total:	15
Eighth Semester				
Code 2	open	California History elective		3
Concentration	ENSC, HSC	Soil Science, Occupational Health, etc.		3
Concentration	HSC, PHYS	Vector Control, Toxicology, etc.		3
UD Major	ENSC 397	Advanced Field Experience	GEOL/ENSC 297 and junior or senior standing.	2
UD Major	ENSC 499	Capstone Seminar	Junior or senior standing	3
			Total:	14
Total Units:				120

General Education & University Requirements - Suggested Courses
Area A (9 units): Communication in the English Language & Critical Thinking (Must earn passing grade of C-/CR or better)
<input type="checkbox"/> A1. COMM 100 or 104
<input type="checkbox"/> A2. ENGL 101, 102, or 104
<input type="checkbox"/> A3. PHIL 100
Area B (9 units) : Scientific Inquiry & Quantitative Reasoning
<input type="checkbox"/> B1. Physical Science
<input type="checkbox"/> B2. Life Science
<input type="checkbox"/> B3. Laboratory Activity
<input type="checkbox"/> B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.)
Area C (9 units): Arts & Humanities - Minimum of three different disciplines as designated by course prefix (e.g., ART, THEA, MUS)
<input type="checkbox"/> C1. Arts
<input type="checkbox"/> C2. Humanities
<input type="checkbox"/> *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2)
Area D (9 units) : Social Sciences - Minimum of three different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)
<input type="checkbox"/> D1.
<input type="checkbox"/> D2.
<input type="checkbox"/> D3.
Area E (3 units) : Lifelong Learning and Self-Development
<input type="checkbox"/> E.
Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.
<input type="checkbox"/> Writing II.
University Writing Skills Requirement
<input type="checkbox"/> UWSR. Writing Skills Test (WST) or First and/or Second Tier Courses.
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).
<input type="checkbox"/> Code 1.
<input type="checkbox"/> Code 2.
Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR)
<input type="checkbox"/> B6. Upper-division Science Inquiry and Quantitative Reasoning
<input type="checkbox"/> C4. Upper-division Arts OR Humanities
<input type="checkbox"/> D4. Upper-division Social Sciences
Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major
<input type="checkbox"/> Diversity (Div)
<input type="checkbox"/> Social Justice (SJ)
<input type="checkbox"/> Sustainability (S)