

Degree: Environmental Science, B.S.: Environmental Health Concentration 24-25				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester (FALL)				
E	GS 101A	Foundations of Success I		1
A1		Oral Communication		3
B1/B3	CHEM 111	General Chemistry I		5
B4	MATH 130	Calculus I		4
F				3
		Total:		16
Second Semester (SPRING)				
E	GS 101B	Foundations of Success II		1
A2	ENGL 102	English Composition		3
C2/Concentration	PH 130	Health Humanities		3
D1/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 (FALL)				
E		Lifelong Learning and Self Development		1
A3	PHIL 100	Workshop in Critical Thinking		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 (SPRING)				
Add'l C1 or C2* Overlay		Arts and Humanities		3
C1/Overlay		Arts		2
LD Major	PHYS 126	Principles of Physics II	PHYS 125.	4
LD Major	ENSC 297	Introductory Field Experience		1
Second Composition				3
		Total:		16
Fifth Semester (FALL)				
UWR/UD-C/Overlay				3
Concentration	BIOL 232	Environmental Health 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 (SPRING)				
UD-D/Concentration	PH 362	Environmental Health Policy	Completion of GE areas A1, A2, A3 and B4	3
UD Major	ENSC 350/GEOL 432	Env Hydrology or Hydrogeology	Either CHEM 100 or CHEM 111, and either MATH 120 or MATH 130, and either PHYS 115 or PHYS 125.	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 (FALL)				
D2/Code 2 UD Major/Sustainability	ENSC 414	Hazardous Waste Management	CHEM 112.	3
UD-B/Concentration	PH 300	Environmental Health	Completion of GE areas A1, A2, A3 and B4 ; and ENSC 280.	3
Concentration	PH 330	Epidemiology	One of: STAT 100, STAT 110, STAT 303A.	3
Free Elective				3
		Total:		15
Eighth Semester (SPRING)				
UD Major	ENVT 410	Environmental Impact Analysis	ENVT 310	3
Concentration	ENSC, PH	Soil Science, Occupational Health, etc.		3
Concentration	PH, 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

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.

Updated: 4/1/2024

CSUEB General Breadth and Graduation Requirement Checklist	
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, MLL 111
<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 two 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 (6 units) : Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)	
<input type="checkbox"/>	D1.
<input type="checkbox"/>	D2.
Area E (3 units) : Lifelong Learning and Self-Development	
<input type="checkbox"/>	E.
Area F (3 units): Ethnic Studies	
<input type="checkbox"/>	F.
Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.	
<input type="checkbox"/>	Second Composition
University Writing Requirement	
<input type="checkbox"/>	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).	
<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"/>	UD-B. Upper-division Science Inquiry and Quantitative Reasoning
<input type="checkbox"/>	UD-C. Upper-division Arts OR Humanities
<input type="checkbox"/>	UD-D. 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)
Environmental Health Concentration	
PH 385 - Vector Control Units: 3	
PH 405 - Toxicology Units: 3	
PH 420 - Occupational Health Units: 3	
PHYS 305 - Environmental Health Science Electromagnetic and Nuclear Radiation Units: 3 (Students with advisor approval and instructor consent may use one ENSC graduate-level course to satisfy one elective)	

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