

Degree: Environmental Studies, B.A. 26-27				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester (Fall)				
Major Recommended	EESC 133	Introduction to the Earth, Environmental and Sustainability Sciences for Majors		1
Major Required	EESC 297	Introductory Field Experience		1
1A		English Composition		3
Elective or MATH 120				3
Major Required /SA/SUS	EESC 280	Humans and the Environment in California		3
Free Elective				3
			<b>Total</b>	<b>14</b>
Second Semester (Spring)				
1C		Oral Communication		3
3A		Arts		3
Major Required Elective / Area 4	EESC 125, ECON 200 or ECON 205	World Regions or Principles of Microeconomics or Principles of Macroeconomics		3
Major Required Elective/Area 2	STAT 100 or MATH 130	Elements of Statistics and Probability or Calculus I	For MATH 130 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 better).	3
Free elective				3
			<b>Total</b>	<b>15</b>
Third Semester (Fall)				
1B/Second Comp		Critical Thinking and Composition		3
Free Elective				3
Major Required/5B	EESC 240	Environmental Biology		3
Major Required /5C	EESC 241	Environmental Biology Laboratory		1
Area 4/Code 1		Social and Behavioral Sciences		3
Major Required Elective	CHEM 111 OR CHEM 100	General Chemistry I or Intro to College Chemistry		3
			<b>Total</b>	<b>16</b>
Fourth Semester (Spring)				
Area 6		Ethnic Studies		3
3B		Humanities		3
Code 2 or Free Elective				3
Free Elective				3
Free Elective				3
			<b>Total</b>	<b>15</b>
Fifth Semester (Fall)				
Free Elective				3
UWR				3
Major Required	EESC 360	Introduction to GIS in Earth, Environmental and Sustainability Sciences		3
Major Required	EESC 397	Advanced Field Experience	EESC 297	2
Major Required	EESC 310	Literature and Research Methods	EESC 280 or EESC 125	3
Free Elective				1
			<b>Total</b>	<b>15</b>
Sixth Semester (Spring)				
UD-Area 5/Overlay			Completion of GE Areas 1A, 1B, 1C and GE-2 with grade C- (CR) or better	3
Major Required/UD-Area 4/SI	ENVT 330	Environment, Sustainability, and Social Justice	Completion of GE Areas 1A, 1B, 1C and GE-2 with grade C- (CR) or better	3
UD-Area 3/Overlay			Completion of GE Areas 1A, 1B, 1C and GE-2 with grade C- (CR) or better	3
Free Elective				3
Free Elective				3
			<b>Total</b>	<b>15</b>
Seventh Semester (Fall)				
Major Required	EESC 420	Global Climate Change		3
Major Required Elective	EESC 350 or EESC 375 or EESC 445 or EESC 447 or EESC 455 or EESC 465	Environmental Hydrology or Fire Ecology and Management or Water and Watershed Resources or Energy, Climate and Society or Sustainable Food Systems or Sustainable Communities and Development	ENSC 350 requires either CHEM 100 or CHEM 111, and either MATH 120, MATH 125, or MATH 130, and Highly recommended either PHYS 115, PHYS 125, or PHYS 135 and and EESC 460 requires EESC 360	3
Major Required Elective	POSC 344 or POSC 356 or POSC 384 or POSC 411	Environmental Law or Climate Change Politics & Policy: Global Governance or Climate Politics & Policy: The US, CA & the Bay or Public Policy and the Environment		3
Free Elective				3
Free Elective				3
			<b>Total</b>	<b>15</b>
Eighth Semester (Spring)				
Major Required	EESC 499	Capstone Seminar in Earth, Environmental and Sustainability Sciences		3
Major Required	EESC 410	Environmental Impact Analysis		3
Major Required Elective	EESC 350 or EESC 375 or EESC 445 or EESC 447 or EESC 455 or EESC 465	Environmental Hydrology or Fire Ecology and Management or Water and Watershed Resources or Energy, Climate and Society or Sustainable Food Systems or Sustainable Communities and Development	ENSC 350 requires either CHEM 100 or CHEM 111, and either MATH 120, MATH 125, or MATH 130, and Highly recommended either PHYS 115, PHYS 125, or PHYS 135 and EESC 460 requires EESC 360	3
Major Required Elective	EESC 320 or EESC 451 or EESC 460	Quantitative Methods in Earth, Environmental and Sustainability Sciences or Hydroinformatics or Advanced GIS in Earth, Environmental and Sustainability Sciences	EESC 460 requires EESC 360	3
Free Elective				3
			<b>Total</b>	<b>15</b>
			<b>Degree Total</b>	<b>120</b>

CSUEB General Breadth and Graduation Requirement Checklist
<b>Area 1 (9 units): English Communication</b>
<input type="checkbox"/> 1A - Lower Division English Composition
<input type="checkbox"/> 1B - Lower Division Critical Thinking and Composition
<input type="checkbox"/> 1C - Lower Division Oral Communication
<b>Area 2 (3 units): Mathematical Concepts and Quantitative Reasoning</b>
<input type="checkbox"/> Area 2 - Mathematical Concepts and Quantitative Reasoning
<b>Area 3 (6 units): Arts &amp; Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS)</b>
<input type="checkbox"/> 3A - Arts and Humanities (Arts)
<input type="checkbox"/> 3B - Arts and Humanities (Humanities)
<b>Area 4 (6 units): Social and Behavioral Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)</b>
<input type="checkbox"/> Area 4 - Lower Division Social and Behavioral Sciences
<input type="checkbox"/> Area 4 - Lower Division Social and Behavioral Sciences
<b>Area 5 (7 units): Physical and Biological Sciences</b>
<input type="checkbox"/> 5A - Lower Division Physical and Biological Sciences (Physical)
<input type="checkbox"/> 5B - Lower Division Physical and Biological Sciences (Biological)
<input type="checkbox"/> 5C - Lower Division Physical and Biological Sciences (Laboratory) -- May be embedded in 5A or 5B course, as long as 7 units met for lower-division Subject Area 5.
<b>Area 6 (3 units): Ethnic Studies</b>
<input type="checkbox"/> Area 6 - Ethnic Studies
<b>Second Composition : Second Composition (Required as part of 1B for 2025-26 or later catalog)</b>
<input type="checkbox"/> Second Composition
<b>University Writing Requirement (3-4 units)</b>
<input type="checkbox"/> UWR
<b>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 &amp; Local Government).</b>
<input type="checkbox"/> Code 1
<input type="checkbox"/> Code 2
<b>Upper Division GE Requirements (9 units): Should be taken after completion of 1A, 1B, 1C, and Area 2 with a C- (CR)</b>
<input type="checkbox"/> UD- Area 3 - Upper Division Arts or Humanities
<input type="checkbox"/> UD- Area 4 - Upper Division Social and Behavioral Sciences
<input type="checkbox"/> UD- Area 5 - Upper Division Science or Mathematical Concepts/Quantitative Reasoning
<b>Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major</b>
<input type="checkbox"/> Diversity (Div)
<input type="checkbox"/> Social Justice (SJ)
<input type="checkbox"/> Sustainability (S)