ADT Environmental Science – 60 Sem. Units	Sem. Units	Community College Courses
CSUGE or IGETC	**34**	*CSU general education certification requires completion of all requirements in Areas 1 through 6, approximately 34 units*
AREA 4 REQUIREMENT: US History, Constitution & American Ideals Code Requirement	3-9	**US-1:** **US-2:** **US-3:**
Diversity/Social Justice/Sustainability *Can be fulfilled in any GE*	0-9	**DIV:** **SJ:** **SUS:**
Second Composition (Comp II) automatically fulfilled for ADT	0	
The following areas are for the CID TMC/Courses and matching Community College Courses		
Major Core (C-ID)		**Community College Courses**
BIOL 135S & CHEM 110 OR BIOL 190 & CHEM 120S	13-14	
ENVS 100	3	
GEOG 100 & 100L or GEOG 101 OR GEOG 110 & 111 OR GEOG 115	4	
MATH 110	3	
One of: MATH 210 OR MATH 211 OR MATH 140	3-4	
ECON 201	3	
PHYS 100S OR BOTH PHYS 205 & PHYS 210	8	
Electives/Major Prerequisites for CSUEB	**3**	
GEOG 155		CSUEB: GEOG 225
Total Units ADT *Environmental Science*	**60**	

PLEASE NOTE: This page assumes Semester Units.

CSUEB: Environmental Science B.S. *Complete Degree in 60 Semester Units*	Semester UNITS	NOTES
GRADUATION REQUIREMENTS *These should be fulfilled at the Community College, however if not taken at the Community College, they must be completed at CSU East Bay*		
US History, Constitution & American Ideals	**0-9**	
1) First Category US-1	0-3	
2) Second Category US-2	0-3	
3) Third Category US-3	0-3	
These courses must be taken at CSU East Bay		
Upper Division GE *See catalog*	**9**	**CSUEB COURSES**
Please note: A minimum of three courses in the Upper Division General Education pattern may have a topic/learning outcome oriented toward one of the following topic areas (overlays): **Diversity, Social Justice, or Sustainability**.		
Area UD5 Upper Division Science or Quantitative Reasoning course	3	**Course:** **OVERLAY:**
Area UD3 Upper Division Humanities course	3	**Course:** **OVERLAY:**
Area UD4 Upper Division Social Sciences course	3	**Course:** **OVERLAY:**
Lower Division Requirements	**1**	
ENSC 297 – Introductory Field Experience *Unit:1*		
Upper Division Requirements	**18**	
BIOL 350 - Ecology	4	

EESC 360 - Introduction to GIS in Earth, Environmental, and Sustainability Sciences	3	
EESC 397 - Advanced Field Experience *Units: 2*	2	
EESC 410 - Environmental Impact Analysis	3	
EESC 420 - Global Climate Change	3	*G.E./G.R. Area: Sustainability*
STAT 303 - Statistical Methods in Biology	3	
Capstone Requirement	**3**	
ENSC 499 – Capstone Seminar in Earth, Environmental and Sustainability Sciences	3	
Major Elective Coursework	**13-14**	
ENSC 350 – Environmental Hydrology OR GEOL 432 – Hydrogeology	4	
EESC 434 – Biogeochemistry OR GEOL 343 – Atmospheric Science	3	
EESC 320 – Quantitative Methods in EESC OR EESC 451 – Hydroinformatics	3	
Choose one of: EESC 445, EESC 455, EESC 460, GEOG 375, GEOG 447, GEOG 465	3	
ADDITIONAL COURSE to reach 60 Units	**15-16**	
**** Please refer to University Catalog – Units May Vary ****		
Total Semester Units at CSUEB	**60**	**60**

TENTATIVE ROADMAP: PLEASE SEE YOUR MAJOR ADVISOR

FIRST SEMESTER JUNIOR YEAR			
GE UD5	Course:	Overlay	3
UWR course	Course:		3
UD Major	STAT 303	Statistical Methods in Biology	3
UD Major	EESC 360	Introduction to GIS in EESC	3
GE UD 4	Course:	Overlay	3
		TOTAL:	***15***
SECOND SEMESTER JUNIOR YEAR			
GE UD3	Course:	Overlay:	3
UD Major	ENSC 350 OR GEOL 432	Environmental Hydrology OR Hydrology	4
LD Major	EESC 297	Introductory Field Experience	1
UD Major	BIOL 350	Ecology	4
UD Major elective	major elective		3
		TOTAL:	***15***
THIRD SEMESTER SENIOR YEAR			
free elective			3
UD Major	EESC 420	Global Climate Change	3
UD Major	EESC 320 or EESC 451		3
UD Major	EESC 410	Environmental Impact Analysis	3
free elective			3
		TOTAL:	***15***
FOURTH SEMESTER SENIOR YEAR			
See the ADT ADVISER and apply for graduation through MyCSUEB by the posted deadline, available at Important Dates			
free elective			4
free elective			3
UD Major	EESC 397	Advanced Field Experience	2
UD Major	EESC 499	Capstone Seminar	3
Elective			3
		TOTAL:	***15***
		GRAND TOTAL:	**60**