

AS-T Environmental Science to B.S. Enviro Sci, Tech, & Policy

Environmental Data Analysis Concentration 2026-2027

This pathway assumes that students have completed an AS-T in Environmental Science and have sent official verification of their degree to CSUMB.

The CSUMB pathway assumes completion of the CalGETC GE pattern but allows for completion of the CSU American Institution requirement at CSUMB.

Fall Junior Courses	Course or GE Title	Units	GE/Major
STAT 250 (+STAT 250D if needed)	Applied Stats for Science & Tech	4	Major
ENVS 240 or BIO 211 and BIO 211L if not done	Enviro Biol or Ecol/Evol & Biodiversity	4	Major
ENVS 332 (must take by end of junior year)	Intro to GIS/GPS	4	Major
SPAN 340 or 350 or JAPN 340 or 350 (students who have completed the language requirement may take any UD 3 course)	GE Area Upper Division Arts & Humanities + World Culture Language	3	UD 3,WCL
Total Units		15	
Spring Junior Courses	Course or GE Title	Units	GE/Major
ENVS 350	Quantitative Field Methods	4	Major
ENVS 300	Crit. Think & Communication in Env Sci	3	GWAR/Major
BIO 380	Practical Computing for Scientists	4	Concentration
SL 210S or other 4B course (if not completed prior to transfer)	CSU American Institutions US2,3 and Social Sci GE	3	4B, US2/3
ENVS 302 or elective	Careers in Applied Enviro Sci	1	Free elective
Total Units		15	
Fall Senior Courses	Course or GE Title	Units	GE/Major
ENVS 436 (Fall only, ENVS 332 is prereq)	Remote Sensing & Image Processing	4	Concentration
ENVS 410 or ENVS 402	Capstone Integration Seminar or Honors Capstone Seminar	1	Major
BIO 340 (Fall or Spring) or GEOL 360 (Fall) or STAT 310 (Fall)	Env Data Analysis Group A with UD 5	4	UD 5/Group A Elective
ENSTU 349S or ENSTU 369S or ENSTU 384S or ENVS 382S or BIO 379S or MSCI 359S	ESTP Service learning	4	UDSL/Major
Any GE Area UD 4 course (can take along with US 1 if needed)	GE Area Upper Division Social & Behavioral Sciences	3	UD 4/US1
Total Units		16	
Spring Senior	Course or GE Title	Units	GE/Major
Environ Data Analysis Group B elective	Env Data Anal Group B elective	4	Group A or B elective
ENVS 440 or ENVS 532 or BIO 448 or STAT 320 or STAT 325 or STAT 410	Enviro Data Analysis Elective	4	Concentration
Elective or Minor	Elective or minor	4	Elective or minor
Elective or Minor	Elective or minor	2	Elective or minor
Total Units		14	

***NOTE:** There are double-counting course options for US history, upper-division humanities, and upper-division social sciences. Please consult with an advisor to select the best pathway.