

## AS-T Environmental Science to B.S. Enviro Sci, Tech, & Policy Environmental Data Analysis Concentration 2022-2023

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

The CSUMB pathway includes 6 units of lower-division GE (based on IGETC for STEM) including the CSU American Institutions requirement, and 9 units of upper-division GE.

Fall Junior Courses (15 units)	Course or GE Title	Units	GE/Major
<b>STAT 250</b>	Applied Stats for Science & Tech	4	Major core
<b>ENVS 240 or BIO 211/L if not done</b>	Enviro Biol or Ecol, Evol & Biodiversity	4	Major core
<b>ENVS 332</b>	Intro to GIS/GPS	4	Major core
<b>Lower-division GE area C and World Culture and Language requirement</b>	Language other than English and C2 for completion of IGETC	3	C2, WCL
Spring Junior Courses (15 units)	Course or GE Title	Units	GE/Major
<b>ENVS 350</b>	Quantitative Field Methods	4	Major core
<b>ENVS 300</b>	Crit. Think & Communication in Env Sci	4	GWAR, Major
<b>BIO 380</b>	Practical Computing for Scientists	4	Conc core
<b>Upper-Division Arts/Humanities GE</b>	Any UDC course	3	UDC
Fall Senior Courses (13 units total)	Course or GE Title	Units	GE/Major
<b>ENVS 436</b>	Remote Sensing & Image Processing	4	Conc core
<b>ENVS 410</b>	Capstone Integration Seminar	1	Major core
<b>BIO 340 or GEOL 360 (fall only) or STAT 310 (fall only)</b>	Env Data Anal Group A Elective (selected to meet prereqs for Group B)	4	UDB, Group A elect
<b>ENVS 382S or BIO 379S or ENSTU 3##S</b>	ENVS or BIO or ENSTU Svc Learn	4	UDSL, Major
Spring Senior (17 units total)	Course or GE Title	Units	GE/Major
<b>Environ Data Analysis Group B</b>	Env Data Anal Group B electives	4	Group B elect
<b>Spring only: ENVS, 532 or STAT 320, 325, 410 or Fall only: BIO 448 or ENVS 440</b>	Enviro Data Analysis Core course	4	Conc core
<b>HCOM 343 353,369,391, HDFS 321,322; PH417; or SBS 304,320,364</b>	UD Social Science with Ethnic Studies	3	UDD,US1, ES*
<b>SL 210S or other DCSL course (if not completed prior to transfer)</b>	CSU American Institutions US2,3 and Social Sci GE for IGETC completion	3	DCSL, US2,3
<b>Free electives if needed to reach 120 units</b>	Free electives to reach 120 total	3	Free elective
<b>ESTP Enviro Data Analysis AST path</b>		<b>60</b>	

**\*NOTE:** Transfer students with catalog rights to a GE catalog prior to fall 2021 must complete CSUMB's Ethnic Studies (ES) requirement