AS-T Environmental Science to B.S. Enviro Sci, Tech, & Policy Environmental Data Analysis Concentration 2024-2025

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

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