

ESTP Environmental Data Analysis 4-Year Pathway 2022-2023

Fall Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
FYS 124	Intro to Environmental Science	4	FYS, B2,B3, Major
MATH 130*(w MATH 30 if needed)	Precalculus (w co-req support course)	5	B4
HCOM 120 or 125, SBS 110, or (CAD 102 +CAD 90)	Critical Reading and Writing	3	A2
CHEM 109*	Introductory Chemistry	3	B1
Spring Freshman Courses (16 units total)	Course or GE Title	Units	GE/Major
HCOM 110 or ENSTU 111	Fund Spk/Listen or Intro Env. Comm	3	A1
MATH 150	Calculus I	4	B4, major
CHEM 110 & CHEM 110L	General Chemistry I with Lab	4+1	B1, B3, major
Any C1 GE course	Arts General Education course	3	C1
Fall Sophomore Courses (15 units total)	Course or GE Title	Units	GE/Major
HCOM200, HCOM202, BIO131 or ENSTU130	Critical Thinking GE	3	A3
CHEM 111 & CHEM 111L or MATH 151	General Chemistry II with lab or calc 2	4+1	Major
PHYS 220	Physics I with Lab	4	Major
SBS 249 or HCOM 243	Ethnic Studies + US History	3	F, US1
Spring Sophomore Courses (14 units total)	Course or GE Title	Units	GE/Major
ENVS 240	Environmental Biology	4	B2,B3, Major
GEOL 260	Intro Geology & Hydrology	4	Major
SL210S, ED212S, HCOM260S, SBS212S	Civics/Service Learning GE course	3	D CSL, US2&3
HDFS 200, KIN 161, KIN 263, PSY 210	Area E Lifelong Lrng & Self-Devel	3	E
Fall Junior Courses (15 units total)	Course or GE Title	Units	GE/Major
STAT 250	Applied Stats for Science & Tech	4	Major
ENSTU 280 or BUS 202	Environ Econ & Policy or Microecon	3	DGSS, Major
ENVS 382S, BIO 379S, ENSTU 3xxS, MSCI 359S	Service learning for ESTP	4	UDSL, Major
BIO 340 or GEOL 360 or STAT 310	Env Data Anal Group A Elective (selected to meet prereqs for Group B)	4	Grp A elect, UDB
Spring Junior Courses (15 units total)	Course or GE Title	Units	GE/Major
ENVS 350	Quantitative Field Methods	4	Major
ENVS 332	Intro to GIS/GPS	4	Major
BIO 380	Practical computing for Scientists	4	Concentration
ENVS 300	Crit. Think & Communication -Env Sci	4	GWAR, Major
Fall Senior Courses (15 units total)	Course or GE Title	Units	GE/Major
ENVS 436	Remote Sensing & Image Processing	4	Concentration
ENVS 410	Capstone Integration Seminar	1	Major
ENVS 440, 532 or BIO 448, STAT 320, 325, 410	Enviro Data Analysis Core course	4	Concentration
Any UDC	Any UD arts/humanities GE	3	UDC
Language other than English	Any Humanities GE C2 course	3	C2
Spring Senior (14 units total)	Course or GE Title	Units	GE/Major
Environ Data Analysis Group B elective	Env Data Anal Group B electives	4	Conc elect
Enviro Data Analysis Group A, B, or C	Env Data Anal Elective	4	Conc elect
Additional C1 or C2 course	Lower-division Arts or Humanities	3	C1 or C2
Any Upper-division Integrated Social Science Elective or internship	UD Social Science (UDD) course	3	UDD
	Internship or elective	1	elective
ESTP Enviro Data Anal 4-yr Path		120	

*Students may complete online placements to skip CHEM 109 and/or MATH 130, but 120 units are required.