

ESTP Environmental Data Analysis 4-Year Pathway 2025-2026

Fall Freshman Courses (16 units total)	Course or GE Title	Units	GE/Major
FYS 111	Intro to Environmental Communication	3	FYS, GE 1C
MATH 130*(w MATH 30 if needed)	Precalculus (w co-req support course)	5	GE 2
ENVS 201	Intro to Environmental Science	4	GE 5B, 5C , Major
CHEM 109*	Introductory Chemistry	3	GE 5A
ENVS 195	Adventures in Applied Env Sci	1	Elective
Spring Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
ENSTU 120 or other GE 1A	Writing about the Environment	3	GE 1A
MATH 150	Calculus I	4	GE2 , major
CHEM 110 & 110L	General Chemistry I & Lab	5	GE 5A, 5C major
Any Arts GE course	Arts General Education course	3	GE 3A
Fall Sophomore Courses (15 units total)	Course or GE Title	Units	GE/Major
HCOM200, HCOM202, BIO131 or ENSTU130	Critical Thinking GE	3	GE 1B
CHEM 111&111L or MATH 151 or PHYS 221 or BIO 210&210L or BIO 306&306L	Additional Science Breadth course	5	Major
PHYS 220	Physics I with Lab	4	Major
SSCI 249 or HCOM 243	US History with GE area 6	3	US1, GE 6
Spring Sophomore Courses (14 units total)	Course or GE Title	Units	GE/Major
BIO 211 & 211L or ENVS 240	Ecol,Evol,Biodiv/Lab or Env Biology	4	GE 5B, 5C Major
STAT 250	Applied Stats for Science & Tech	4	Major
ENSTU 280 or BUS 202	Environ Econ & Policy or Microecon	3	GE 4A , Major
SL210S, ED212S, HCOM260S, SSCI 212S	Civics/Service Learning GE course	3	GE 4B , US2&3
Fall Junior Courses (15 units total)	Course or GE Title	Units	GE/Major
GEOL 260	Intro Geology & Hydrology	4	Major
Language other than English	Any Humanities GE 3B course	3	WCL, GE 3B
ENVS 382S, BIO 379S, ENSTU 3xxS, MSCI 359S	Service learning for ESTP	4	UDSL, Major
BIO 340 (F or Sp) or GEOL 360 or STAT 310 (F	Env Data Analysis Group A with UD 5	4	Grp A, UD 5
Spring Junior Courses (15 units total)	Course or GE Title	Units	GE/Major
ENVS 350	Quantitative Field Methods	4	Major
ENVS 332 (must take by end of junior year)	Intro to GIS/GPS	4	Major
BIO 380	Practical computing for Scientists	4	Concentration
ENVS 300	Crit. Think & Communication -Env Sci	3	GWAR, Major
Fall Senior Courses (15 units total)	Course or GE Title	Units	GE/Major
ENVS 436 (fall only, 332 is prereq)	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 UD 3	Any UD arts/humanities GE	3	UD 3
Elective or course for minor	Elective or course for minor	3	elective
Spring Senior (15 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
Any Upper-division Integrated Social Science	UD Social Science (UD 4) course	3	UD 4
Elective or course for minor	Elective or course for minor	4	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.

Instead of completing 12 units of ESTP electives, students can minor in Biology, Chemistry, Computer Science, Data Science, Mathematics, or Statistics.