

## ESTP Watershed Systems 4-Year Pathway 2023-2024

Fall Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
FYS 111	Intro to Environmental Communication	3	FYS. A1
<b>MATH 130*(w MATH 30 if needed)</b>	Precalculus (w co-req support course)	5	B4
ENSTU 120	Writing about the Environment	3	A2
CHEM 109*	Introductory Chemistry	3	B1
ENVS 195	Adventures in Applied Env Sci	1	Elective
Spring Freshman Courses (16 units total)	Course or GE Title	Units	GE/Major
ENVS 201	Intro to Environmental Science	4	B2,B3,Major
MATH 150	Calculus I	4	B4, major
CHEM 110 & 110L	General Chemistry I & Lab	5	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&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
SBS 249 or HCOM 243 (or SBS 114)	US History with GE area F or C2	3	US1, (C2 or F)
Spring Sophomore Courses (14 units total)	Course or GE Title	Units	GE/Major
ENVS 240 or BIO 211 & 211L	Environmental Biol or Ecol,Evol,Biodiv	4	B2,B3,Major
GEOL 260	Intro Geology & Hydrology	4	Major
ENSTU 280 or BUS 202	Environ Econ & Policy or Microecon	3	DGSS, Major
SL210S, ED212S, HCOM260S, SBS212S	Civics/Service Learning GE course	3	DCSL, US2&3
Fall Junior Courses (14 units total)	Course or GE Title	Units	GE/Major
STAT 250	Applied Stats for Science & Tech	4	Major
Language other than English	language other than English- any level	3	WCL, C2
ENVS 300	Crit. Think & Communication in Env Sci	4	GWAR, Major
HDFS 200, KIN 161, KIN 263	Area E Lifelong Lrng &Self-Devel	3	E
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 340, ENVS 342, 303/L, 483 or AGPS 315	Ecology or resource course	4	Concentration
Any UDC	Upper-division arts or humanities GE	3	UDC
Fall Senior Courses (16 units total)	Course or GE Title	Units	GE/Major
GEOL 360 (fall only, prereq = GEOL 260)	Geomorphic Systems	4	UDB,Concentration
ENVS 382S, MSCI 359S, BIO 379S, ENSTU 3xxS	MSCI or BIO or ENSTU Svc Learn	4	UDSL, Major
Watershed Group A Elective	Group A elective (see catalog)	4	Conc elective
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Spring Senior (15 units total)	Course or GE Title	Units	GE/Major
GEOL 460 (Spring only; rereq= GEOL 360, E)	River Hydrology	4	Concentration
ENVS 410	Capstone Integration Seminar	1	Major
Watershed Group A or B Elective	ESTP elective from Group A or B	4	Conc elective
Any UDD	UD Social Science with Ethnic Studies	3	UDD
GE area F or C1 or C2	GE area F or C not completed w/ US1	3	F or C1 or C2
<b>ESTP Watershed Systems 4-yr path</b>		<b>120</b>	

\*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.