

ESTP Watershed Systems 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 (15 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 & Lab	4+1	B1, 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	4+1	Major
PHYS 220	Physics I with Lab	4	Major
SBS 249 or HCOM 243	US History with Ethnic Studies area F	3	F, US1
Spring Sophomore Courses (15 units total)	Course or GE Title	Units	GE/Major
ENVS 240 or BIO 211&211L	Environmental Biology	4 or 5	B2,B3,Major
GEOL 260	Intro Geology & Hydrology	4	Major
Language other than English	Language (any level)	3	C2, WCL
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
ENSTU 280 or BUS 202	Environ Econ & Policy or Microecon	3	DGSS, Major
ENVS 300	Crit. Think & Communication in Env Sci	4	GWAR, Major
HDFS 200, KIN 161, KIN 263, PSY 210	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, 342; ENVS 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	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	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
Additional C1 or C2 course	Lower-division Arts or Humanities	3	C1 or C2
ESTP Watershed Systems 4-yr path		120	

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