

# ESTP Watershed Systems 4-Year Pathway 2026-2027

Fall Freshman Courses	Course or GE Title	Units	GE/Major
FYS 111	Intro to Environmental Communication	3	1C/FYS
MATH 130*(w MATH 30 if needed)	Precalculus (w co-req support course)	5	2
ENVS 201	Intro to Environmental Science	4	5B, 5C/Major
CHEM 109*	Introductory Chemistry	3	5A
ENVS 185	Adventures in Applied Env Sci	1	Elective
Total Units		16	
Spring Freshman Courses	Course or GE Title	Units	GE/Major
ENSTU 120 <b>or</b> other GE 1A	Writing about the Environment	3	1A
MATH 150	Calculus I	4	2/Major
CHEM 110 <b>and</b> CHEM 110L	General Chemistry I & Lab	5	5A, 5C/Major
Any GE Area 3A	GE Area 3 Arts & Humanities	3	3A
Total Units		15	
Fall Sophomore Courses	Course or GE Title	Units	GE/Major
HCOM 200, HCOM 202, BIO 131 <b>or</b> ENSTU 130	Critical Thinking GE	3	1B
CHEM 111 and 111L <b>or</b> MATH 151 <b>or</b> PHYS 221 <b>or</b> BIO 210 and 210L <b>or</b> BIO 306 and 306L	Additional Science Breadth Course	5	Major
PHYS 220	Physics I with Lab	4	Major
Language other than English	Language other than English-any level	3	3B/WCL
Total Units		15	
Spring Sophomore Courses	Course or GE Title	Units	GE/Major
(BIO 211 <b>and</b> BIO 211L) <b>or</b> ENVS 240	Environmental Biol or Ecol,Evol,Biodiv	4	5B, 5C/Major
GEOL 260	Intro Geology & Hydrology	4	Major
ENSTU 280 <b>or</b> BUS 202	Environ Econ & Policy or Microecon	3	4A/ Major
ED 212S, HCOM 260S, SL 210S <b>or</b> SSCI 212S	Civics/Service Learning GE course	3	4B, US2&3
Total Units		14	
Fall Junior Courses	Course or GE Title	Units	GE/Major
STAT 250 (+STAT 250D if needed)	Applied Stats for Science & Tech	4	Major
ENSTU 349S, ENSTU 369S, ENSTU 384S, ENVS 382S, BIO 379S, <b>or</b> MSCI 359S	ESTP Service learning	4	UDSL/Major
ENVS 300	Crit. Think & Communication in Env Sci	3	GWAR/Major
SSCI 249 <b>or</b> HCOM 243	US History 1 with GE area 6	3	6/US 1
Total Units		14	
Spring Junior Courses	Course or GE Title	Units	GE/Major
ENVS 350	Quantitative Field Methods	4	Major
ENVS 332	Intro to GIS/GPS	4	Major

ENVS 303 <b>and</b> ENVS 303L <b>or</b> ENVS 342 <b>or</b> ENVS 483 <b>or</b> BIO 340	Watershed Systems Elective	4	Concentration
Any GE Area UD 3	GE Area Upper Division Arts & Humanities	3	UD 3
Total Units		15	
<b>Fall Senior Courses</b>	<b>Course or GE Title</b>	<b>Units</b>	<b>GE/Major</b>
GEOL 360 (Fall only; prereq is GEOL 260)	Geomorphic Systems	4	UD5/ Concentration
ENSTU 387 (or any other UD 4)	Water Resource Law, Policy, Assess	3	UD 4/Group A elective
Watershed Group A Elective	Watershed Group A elective	4	Group A
Watershed Group A or B Elective	Watershed Group A or B elective	3	Group A or B
ENVS 302 or elective	Careers in Applied Enviro Sci	1	Free elective
Total Units		15	
<b>Spring Senior</b>	<b>Course or GE Title</b>	<b>Units</b>	<b>GE/Major</b>
GEOL 460 (Spring only; prereq is GEOL 360)	River Hydrology	4	Concentration
ENVS 410 <b>or</b> ENVS 402	Capstone Integration Seminar or Honors Capstone Seminar	1	Major
Watershed Group A or B Elective	ESTP elective from Group A or B	4	Group A or B
Elective or course for minor	Elective or course for minor	4	Elec or minor
Elective or course for minor	Elective or course for minor	3	Elec or minor
Total Units		16	
<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