

## ESTP Applied Ecology 4-Year Pathway 2024-2025

Fall Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
FYS 111	Intro to Environmental Communication	3	FYS. A1
MATH 130*(w MATH 30 if needed)	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
BIO 211 & 211L or ENVS 240	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
BIO 340	Ecology	4	UDB, Concentration
STAT 250	Applied Stats for Science & Tech	4	Major
ENSTU 387	Water Resource Law, Policy, Assess	3	UDD, conc elect
Language other than English	language other than English- any level	3	WCL, C2
Spring Junior Courses (15 units total)	Course or GE Title	Units	GE/Major
ENVS 332	Intro to GIS/GPS	4	Major
ENVS 300	Crit. Think & Communication -Env Sci	4	GWAR, Major
ENVS 303/L,342, 475, 483/L (spring) or ENVS 446 or BIO 448 (Fall)	Applied Ecology Concentration core course	4	Concentration
HDFS 200, KIN 161, KIN 263	Area E Lifelong Lrng &Self-Devel	3	E
Fall Senior Courses (16 units total)	Course or GE Title	Units	GE/Major
BIO 448 or ENVS 446 (Fall) or ENVS 475 (spring) (complete capstone in fall or spring)	Applied Ecol Capstone project course	4	Capstone
ENVS 410	Capstone Integration Seminar	1	Major
ENVS 382S, BIO 379S, MSC1 359S,ENSTU 3xxS	Service learning for MSC1	4	UDSL, Major
ENVS 350	Quantitative Field Methods	4	Major
GE area F or C1 or C2	GE area F or C not completed w/ US1	3	F or C1 or C2
Spring Senior (15 units total)	Course or GE Title	Units	GE/Major
Applied Ecology Group A (or minor)	Applied Ecology elective from Group A	4	Conc elective
Applied Ecology Group A (or minor)	Applied Ecology elective from Group A	4	Conc elective

<b>Any UDC</b>	Any UD C: arts/humanities	3	UDC
<b>Elective or course for minor</b>	Elective or course for minor	4	Elec or minor
	<b>ESTP Applied Ecology 4-yr Path</b>	<b>120</b>	

**\*Students may complete online placements to skip CHEM 109 and/or MATH 130.**

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