

ESTP Applied Ecology 4-Year Pathway

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 ENSTU 120	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	General Chemistry I	4	B1, major
CHEM 110L	General Chemistry I Lab	1	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 ENSTU131	Critical Thinking GE	3	A3
CHEM 111	General Chemistry II	4	Major
CHEM 111L	General Chemistry II Lab	1	Major
PHYS 220	Physics I with Lab	4	Major
HCOM 251 or 265 or SBS 111 or 112 or 246	US History GE	3	DHIST, US1
Spring Sophomore Courses (17 units total)	Course or GE Title	Units	GE/Major
BIO 230	Cell & Molec Bio & Animal Physiol	4	B2,B3,Major
GEOL 260	Intro Geology & Hydrology	4	Major
PHYS 221 or MATH 151	Physics 2 or Calculus 2	4	Major
SL210S, ED212S, GS280S, HCOM260S, SBS212S	Civics/Service Learning GE course	3	DCSL, US2&3
HDFS 200, KIN 161, KIN 263, PSY 210	Area E Lifelong Lrng &Self-Devel	3	E
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 -Env Sci	4	GWAR, Major
Any C2 GE course	Any Humanities GE C2 course	3	C2
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	Ecology	4	UDB, Concentration
SPAN 340 or 350 or JAPN 340 or 350	UD C with World Culture & languages	3	UDC, WCL
Fall Senior Courses (16 units total)	Course or GE Title	Units	GE/Major
BIO 448 or ENVS 446 or ENVS 475	Applied Ecol Capstone project course	4	Concentration
ENVS 410	Capstone Integration Seminar	1	Major
ENVS 303/L, 440, 446, 475,483, or BIO 342, 448, 449, or AGPS 315	Applied Ecology Concentration core course	4	Concentration
Applied Ecology Group A elective	Applied Ecology elective from Group A	4	Conc elective
Additional C1 or C2 course	Lower-division Arts or Humanities	3	C1 or C2
Spring Senior (14 units total)	Course or GE Title	Units	GE/Major
Applied Ecology Group A elective	Applied Ecology elective from Group A	4	Conc elective
Applied Ecology Group A or B elective	Applied Ecology Elective from Group B	4	Conc Elective
HCOM 343 353,369,393, HDFS 320,321; LS 310,362; PH417; or SBS 304,320,364	UD Social Science with Ethnic Studies	3	UDD, ES
ENVS 382S, BIO 379S, MSCI 359S,ENSTU 3xxS	Service learning for MSCI	3	UDSL, Major
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*Students may complete online placements to skip CHEM 109 and/or MATH 130, but 120 units are required.