

Biology: Ecology, Evolution & Organismal 4 Year Pathway 2026-2027			
Fall Freshman Courses (16 units total)	Course or GE Title	Units	GE/Major
FYS 191	First Year Seminar w/ GE Area 6	3	6
MATH 130 (w/ MATH 30 if needed)	Precalculus (w/ co-req support course)	5	2
HCOM 110 (or GE area 1C)	Fundamentals of Speaking and Listen	3	1C
CHEM 110 +CHEM 110L	Introductory Chemistry	5	5A, 5C
Spring Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
HCOM 125, CAD 101B or (CAD 102 + 90)	Critical Reading and Writing	3	1A
MATH 150	Calculus I	4	2, major
CHEM 111 +CHEM 111L	General Chemistry I & Chem 1 Lab	5	Major
Any 3A GE Course	Arts General Education Course	3	3A
Fall Sophomore Courses (15 units total)	Course or GE Title	Units	GE/Major
HCOM200, HCOM202, BIO131 or ENSTU130	Critical Thinking GE	3	1B
CHEM 211 & CHEM 211L	Organic Chemistry I & OCHEM 1 lab	4	Major
BIO 211 & BIO 211L (211D optional)	Ecology, Evolu, Biodiv & Plants & lab	5	Major
US History with GE area 4: CST 274 or HCOM 251 or HCOM 265 or HCOM 353 or HCOM 369 or SBS 249 or or SSCI 111 or SSCI 350	US History course with GE area 4 A Social & Behavioral Sciences	3	US History US1 with 4
Spring Sophomore Courses (14 units total)	Course or GE Title	Units	GE/Major
BIO 210 & BIO 210L (BIO 210D optional)	Cell & Molec Bio & Animal Physio& Lab	4	5B, 5C, Major
Any 3B GE Course	Humanities GE	3	3B
STAT 250	Applied Stats for Science & Tech	4	Major
Civics with GE Area 4B: ED 212S, or HCOM 260S, or SL 210S, or SSCI 212S	US 2/3 GE 4B	3	US 2/3 4
Fall Junior Courses (15 units total)	Course or GE Title	Units	GE/Major
BIO 311	Genetics	4	UD5, core
BIO 340	Ecology	4	UD5, core
STAT 250	Applied Stats for Science & Tech	4	Rsch meth
Upper Division GE Area 3 (WCL if not taken in LD or passed AP exam)	UD 3 with World Culture & languages if have not passed and AP language exam	3	UD3, WCL
Spring Junior Courses (16 units total)	Course or GE Title	Units	GE/Major

BIO 379S or ENVS 382S or ENSTU 349S or ENSTU 369S or ENSTU 384S or MSCI 359S	Upper Division Service Learning	3	UDSL, Major
BIO 330 or BIO 332 or BIO 370 or MSCI 350	Development or Physiology Course	3	Concentration
BIO 320, 322, 344L, 380, CHEM 350, ENVS 350, or MSCI 350	Microbiology or Plant Pathology	4	RsSch meth
BIO 301	Research & Technical Writing in Biology	3	GWAR, Core
Any UD Social & Behavioral Science Course	UD 4 course	3	UD 4
Fall Senior Courses (15 units total)	Course or GE Title	Units	GE/Major
BIO 341	Evolutionary Biol & Population Genetics	3	Concentration
Group A Elective	Major Elective from Group A	3	Concentration
Group A Elective	Major Elective from Group A	3	Concentration
Free Elective		3	Free elective
Free Elective		3	Free elective
Spring Senior Courses (15 units total)	Course or GE Title	Units	GE/Major
Group B Elective	Major Elective from Group B	4	Concentration
Free Elective		3	Free elective
Free Elective		2	Free elective
Capstone + BIO 491, 492 or other Integ Learning	Integrative Learning/Capstone	5	Concentration