

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

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