

Sample Program Plan Biology Degree Ecological Concentration

Spring2022

<i>Freshman Year</i>					
Fall		Winter		Spring	
CHEM 204/204L General Chemistry	5	CHEM 205/205L Gen. Chemistry	5	CHEM 206/206L Gen. Chemistry	5
BIOL 211/211L Principles of Biology	5	BIOL 212/212L Prin. of Biology	5	BIOL 213/213L Principles of Biology	5
MATH 111 College Algebra [2]	4	MATH 112 Pre-Calculus [3]	4	MATH 241 Survey Calculus	4
Total Credits		Total Credits		Total Credits	
14		14		14	
<i>Sophomore Year</i>					
Fall		Winter		Spring	
CHEM 334 Organic Chemistry I	4	CHEM 335 Organic Chemistry II	4	BIOL 334/334L Plant Taxonomy	5
BIOL 313 Riparian Biology w/L	3			CHEM 360 Environmental Chemistry	4
WR 121 Academic Composition	4			BIOL 320 Ornithology w/L	3
Total Credits		Total Credits		Total Credits	
10		4		12	
<i>Junior Year</i>					
Fall		Winter		Spring	
BIOL 341/341L Genetics	4	BIOL 342/342L Genetics	4	BIOL 357/358 Gen. Ecology & Lab	5
STAT 243 OR STAT 327	4/5	STAT 352 Statistics [5]	4		
Total Credits		Total Credits		Total Credits	
8/9		8		5	
<i>Senior Year</i>					
Fall		Winter		Spring	
PHYS 201/201L General Physics	4			BIOL 415 Forest Ecology w/L	3
				BIOL 490 Evolution (Capstone)	3
Total Credits		Total Credits		Total Credits	
4		6		6	

[1] BIOL211 should be NOT be taken in the second year if student tests into MATH111

[2] Prerequisite for MATH112 and co-requisite for CHEM204

[3] Prerequisite for PHYS201

[5] If STAT 327 is taken, STAT352 does NOT need to be taken

**51 Upper-Division credits planned (need 60) – take 9 UD credits (suggested options: BIOL323, 421, 432, or 433)