Drexel University

Department of Biology

Undergraduate Curriculum Sequence for the Biological Sciences Major

Ecology/Evolutionary Biology/Paleobiology Concentration Ecology Focus Area

4 No CO-OP

FALL WINTER SPRING SUMMER

Freshman						
BIO 122 Cells & Genetics	4.5	E j	4.5	BIO 126 Physiology & Ecology 4.5		
CHEM 101 General Chemistry I	3.5	CHEM 102 General Chemistry II	4.5	CHEM 103 General Chemistry III 5	5	
ENGL 101 Expos Writing and Read	3	ENGL 102 Persuasive Writing & Read	3	ENGL 103 Analytical Writing & Read 3		
MATH 101 or 121	4	MATH 102 or 122	4	MATH 239 or 123 4	VACATION	
UNIV 101 The Drexel Experience	1	UNIV 101 The Drexel Experience	2			
•	16	•	18	16.5		
Sophomore						
BIO 217 Evolution	4	BIO 218 Principles of Mol Bio	4	BIO 224 Vertebrates 4		
BIO 219 Techniques in Mol Bio	2.5	CHEM 242 Organic Chemistry II	4	BIO 225 Vertebrates Lab 2		
CHEM 241 Organic Chemistry I	4	CHEM 244 Organic Chemistry Lab I	3	CHEM 243 Organic Chemistry III 3		
PHYS 152 Introductory Physics I	4	PHYS 153 Introductory Physics II	4	CHEM 245 Organic Chemistry Lab II 3	VACATION	
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1	14.5		15	16		
Junior						
ENVS 230 General Ecology	3	ENVS 284 Phys & Pop Ecol	3	ENVS 270 Hist of Life on Earth 4	1	
Science Tech. Human Affairs Elective	3	Biology Laboratory Requirement	2	BIO/ENVS Elective 3	}	
MATH 410 Scientific Data Analysis I	3	MATH 411 Scientific Data Analysis II	3	Humanities/Social Sci Elective 3	NA CATION	
COM 230 Techniques of Speaking	3	COM 310 Technical Writing	3	PHIL 251 Ethics 3	VACATION	
Free Elective	3	Free Elective	3	Free Elective 3		
	15		14	16		
Senior						
ENVS 286 Comm & Ecosys Ecol	3	BIO/ENVS Elective	3	BIO/ENVS Elective 3		
Biology Laboratory Requirement	2	BIO/ENVS Elective	3	BIO 473 Seminar in Biological Science 2	CDADILATION	
BIO 471 Seminar in Biological Science	2	BIO 472 Seminar in Biological Science	2	Humanities/Social Sci Elective 3	GRADUATION	
Free Elective	3	Humanities/Social Sci Elective	3	Free Elective 3	182 credits	
Free Elective	3	Free Elective	3	Free Elective 3		
	13		14	14	1	

Courses in Blue are Courses Required for this Concentration Courses in Red are Electives for this Concentration