Drexel University

Department of Biology

Undergraduate Curriculum Sequence for the Biological Sciences Major

Ecology/Evolutionary Biology/Paleobiology Concentration Evolutionary Biology Focus Area

4 No CO-OP

FALL WINTER SPRING SUMMER

Freshman					
BIO 122 Cells & Genetics	4.5	BIO 124 Evolution & Org Diversity	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	
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		
1	16	1	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
2 2	14.5		15	PHYS 154 Introductory Physics III 4	VACATION
				16	
Junior					
ENVS 230 General Ecology	3	BIO 360 Evo Devo	3	ENVS 270 Hist of Life on Earth 4	
BIO/ENVS Elective	3	Science Tech. Human Affairs Elective	3	BIO/ENVS Elective 3	
MATH 410 Scientific Data Analysis I	3	MATH 411 Scientific Data Analysis II	3	Humanities/Social Sci Elective 3	THE CATELONI
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		15	16	
Senior					
ENVS 326 Molecular Ecology	3	BIO/ENVS Elective	3	BIO/ENVS Elective 3	
Biology Laboratory Requirement	2	BIO 472 Seminar in Biological Science	2	Biology Laboratory Requirement 2	CDADIIATION
BIO 471 Seminar in Biological Science	2	Humanities/Social Sci Elective	3	BIO 473 Seminar in Biological Science 2	GRADUATION
Free Elective	3	Free Elective	3	Humanities/Social Sci Elective 3	182 credits
Free Elective	3	Free Elective	3	Free Elective 3	
	13		14	13	

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