Drexel University

Department of Biology

Undergraduate Curriculum Sequence for the Biological Sciences Major

Cell/Mol Bio/Genetics/Biochem Concentration Neurobiology Focus Area

4 CO-OP F/W COOP

FALL		WINTER		SPRING		SUMMER	
CHEM 101 General Chemistry I ENGL 101 Expos Writing and Read MATH 101 or 121 UNIV 101 The Drexel Experience	4.5 3.5 3 4 1 16	BIO 124 Evolution & Org Diversity CHEM 102 General Chemistry II ENGL 102 Persuasive Writing & Read MATH 102 or 122 UNIV 101 The Drexel Experience	4.5 4.5 3 4 2 18	BIO 126 Physiology & Ecology CHEM 103 General Chemistry III ENGL 103 Analytical Writing & Read MATH 239 or 123 Co-op	1.5 5 3 4	VACATION	
Sophomore BIO 217 Evolution BIO 219 Techniques in Molecular Bio CHEM 241 Organic Chemistry I PHYS 152 Introductory Physics I	2.5 4 4 14.5	BIO 218 Principles of Mol Bio CHEM 242 Organic Chemistry II CHEM 244 Organic Chemistry Lab I PHYS 153 Introductory Physics II	4 4 3 4 15	BIO 214 Principles of Cell Bio CHEM 243 Organic Chemistry III CHEM 245 Organic Chemistry Lab II PHYS 154 Introductory Physics III Science Tech. Human Affairs Elective	3 3 4 3 16	BIO 224 Vertebrates BIO 225 Vertebrates Lab *BIO 244 Genetics PHIL 251 Ethics Free Elective	4 2 3 3 3 5
Junior COOP		СООР		BIO 311 Metabolism Biology Laboratory Requirement MATH 410 Scientific Data Analysis I COM 230 Techniques of Speaking Free Elective	4 2 3 3 3 15	3	3 2 3 3 4
Senior BIO 270 Developmental Bio BIO 462 Bio of Neuron Func BIO 471 Seminar in Biological Science Human/Social Science Elective Free Elective	3 3 2 3 3 14	BIO 421 Biomembranes BIO 472 Seminar in Biological Science Human/Social Science Elective Free Elective Free Elective	3 2 3 3 3 14	BIO/ENVS Elective BIO 473 Seminar in Biological Science Human/Social Science Elective Free Elective Free Elective	3 2 3 3 3 14	GRADUATION 182 credits	

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

^{*}OR BIO 444 Human Genetics may be substituted.