

BS in Biology with DragonsTeach Concentration

Humanities and Social Sciences Electives

COM 230	Techniques of Speaking	3
ENGL 101	Composition and Rhetoric I: Inquiry and Exploratory Research	3
ENGL 102	Composition and Rhetoric II: The Craft of Persuasion	3
ENGL 103	Composition and Rhetoric III: Thematic Analysis Across Genres	3
PHIL 251	Ethics	3
UNIV S101	The Drexel Experience	1
CIVC 101	Introduction to Civic Engagement	1
UNIV S201	Looking Forward: Academics and Careers	1
Humanities and Social Sciences Electives		9

Mathematics and Statistics

Select one of the following: 12

Intro to Analysis

MATH 101	Introduction to Analysis I	
MATH 102	Introduction to Analysis II	
MATH 239	Mathematics for the Life Sciences	

Calculus

MATH 121	Calculus I	
MATH 122	Calculus II	
MATH 123	Calculus III	

Physical Sciences

CHEM 101	General Chemistry I	3.5
CHEM 102	General Chemistry II	4.5
CHEM 103	General Chemistry III	5
CHEM 241	Organic Chemistry I	4
CHEM 242	Organic Chemistry II	4
BIO 311	Biochemistry	4
or CHEM 243	Organic Chemistry III	
PHYS 152	Introductory Physics I	4
PHYS 153	Introductory Physics II	4
PHYS 154	Introductory Physics III	4

Core Biology Courses

BIO 122	Cells and Genetics	4.5
BIO 124	Evolution & Organismal Diversity	4.5
BIO 126	Physiology and Ecology	4.5
BIO 207	Applications in Biology I	1
BIO 208	Applications in Biology II	1
BIO 209	Cell, Molecular & Developmental Biology I	4
BIO 211	Cell, Molecular & Developmental Biology II	4
BIO 219 [WI]	Techniques in Molecular Biology	3
BIO 224	Form, Function & Evolution of Vertebrates	4
BIO 225	Vertebrate Biology and Evolution Laboratory	2
ENVS 212	Evolution	4
BIO 471	Seminar in Biological Sciences	2
BIO 473 [WI]	Seminar in Biological Sciences	2

Concentration Courses

28-30

Free Electives

ESTM 201	STEM Teacher Education Prep (STEP 1)	1.5
ESTM 210	STEM Teacher Education Prep (STEP 2)	1.5
ESTM 301	Knowing, Learning, and Classroom Interactions I	3
ESTM 302	Knowing, Learning, and Classroom Interactions II	3
ESTM 303	Knowing, Learning, and Classroom Interactions III	3
ESTM 350 (PBI)	Project Based Instruction	4
ESTM 360	Perspective on Science and Math	3
ESTM 371 (Research)	Research Methods	4
EDEX 142	Spec Ed Foundations: Referral & Assessment	3
EDEX 244	Inclus Practice for Exceptional Students	3
EDUC 265	Instructing Eng Lang Learners	3
ESTM 401	Apprentice Teaching & Seminar	6