

BA in Chemistry with DragonsTeach Concentration

* Dragons Teach Courses in Blue

General Education

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
UNIV 101	The Drexel Experience	2
UNIV S201	Looking Forward: Academics and Careers	1

Chemistry Requirements

CHEM 121	Majors Chemistry I	5
CHEM 122	Majors Chemistry II	5
CHEM 123	Majors Chemistry III	5.5
CHEM 230	Quantitative Analysis	4
CHEM 231 [WI]	Quantitative Analysis Laboratory	2
CHEM 246	Organic Chemistry for Majors I	6.5
CHEM 248	Organic Chemistry for Majors II	6.5
CHEM 249	Organic Chemistry for Majors III	7
CHEM 253	Thermodynamics and Kinetics	4
CHEM 270	Software Skills for Chemists	3
CHEM 357 [WI]	Physical Chemistry Laboratory I	2.5
CHEM 367	Chemical Information Retrieval	3
CHEM 421	Inorganic Chemistry I	3

Chemistry Electives

Select two Chemistry Electives	6
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Biology Requirements

BIO 122	Cells and Genetics	4.5
BIO 124	Evolution & Organismal Diversity	4.5
BIO 126	Physiology and Ecology	4.5

Mathematics Requirements

MATH 121	Calculus I	4
MATH 122	Calculus II	4
MATH 123	Calculus III	4
MATH 200	Multivariate Calculus	4

Physics Requirements

PHYS 101	Fundamentals of Physics I	4
PHYS 102	Fundamentals of Physics II	4
PHYS 201	Fundamentals of Physics III	4

Humanities and Arts electives

Select two Humanities and Arts Electives	6
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International Studies electives		
Select two International		6
Social and Behavioral Studies electives		
Select two Social and Behavioral Studies Electives		6
Studies in Diversity electives		
Select two Diversity Electives		6
Language Requirements courses		
Select two Language Electives		8
Dragons teach Requirements		
ESTM 360	Perspective on Science and Math	3
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	3
ESTM 351 (PBI Lab)	Project Based Instruction Lab	1.5
ESTM 371 (Research Methods)	Research Methods	4
EDEX 142	Spec Ed Foundations: Referral & Assessment	3
EDEX 244	Inclus Practice for Exceptional Students	3
EDEX 265	Instructing Eng Lang Learners	3
ESTM 401	Apprentice Teaching & Seminar	6
Total Credits		187

