

## BS in Math with DragonsTeach Concentration

\* Dragons Teach Courses in Blue

### General Education

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

### Computer Science Sequence

Option 1	CS140, CS 143, & CS 171	9
Option 2	CS 140, CS 171, & CS 172	

### Cognate Science Area

Any BIO Course		3
Any CHEM Course		4
Any PHYS Course		4

### Humanities Electives

Humanities Courses (3)		9
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### Social Science 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
Additional Social Science		6

### Mathematics Requirements

MATH 121	Calculus I *	4
MATH 122	Calculus II	4
MATH 123	Calculus III	4
MATH 200	Multivariate Calculus	4
MATH 201	Linear Algebra	4
MATH 210	Differential Equations	4
MATH 220	Introduction to Mathematical Reasoning	3
MATH 331	Abstract Algebra I	4
MATH 332	Abstract Algebra II	3
MATH 401	Elements of Modern Analysis I	3
MATH 402	Elements of Modern Analysis II	3

### Math Major Electives

MATH 205	Survey of Geometry	3
MATH 221	Discrete Mathematics	3
MATH 311	Probability and Statistics I	4
MATH 312	Probability and Statistics II	4
ESTM 370	Functions & Modeling	4
Additional Mathematics Courses		22

### Free Electives

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
ESTM 360	Perspective on Science and Math	3
Additional Electives		14.5
<b>Total Credits</b>		<b>183</b>