

BA Mathematics with DragonsTeach
Sample Plan of Study
2014-15

<p>1st Year</p> <p>Fall Science Elective ENGL 101 Exp Writing and Reading CS 140 Intro to Multimedia Programming MATH 121 Calculus UNIV S101 The Drexel Experience</p>	<p>Winter Science Elective ENGL 102 Persuasive Writing & Reading CS143/171 Programming Fundamentals/Programming I MATH 122 Calculus II UNIV H101 The Drexel Experience</p>	<p>Spring Social Science Elective ENGL 103 Analytical Writing and Reading Math 123 Calculus III MATH 220 Intro to Mathematical Reasoning CS171/172 Computer Programming I/II</p>
<p>2nd Year</p> <p>Fall COM 230 Techniques of Speaking MATH 200 Multivariate Calculus MATH 201 Linear Algebra Diversity Studies Elective International Studies Elective</p>	<p>Winter Mathematics (MATH) Course Math Elective Humanities/Fine Arts Elective Free Elective Free Elective</p>	<p>Spring co-op</p>
<p>3rd Year</p> <p>Fall MATH 210 Differential Equations MATH 331 Abstract Algebra I Humanities/Fine Arts Elective Free Elective ESTM 201 STEM Teacher Education Prep (STEP 1)</p>	<p>Winter MATH 221 Discrete Math MATH 332 Abstract Algebra II Diversity Studies Elective Free Elective ESTM 210 STEM Teacher Education Prep (STEP 2) KLCI I Knowing, Learning, and Classroom Interactions I</p>	<p>Spring co-op</p>
<p>4th Year</p> <p>Fall MATH 401 Elements of Modern Analysis I International Studies Elective Free Elective Perspectives: Science & Mathematics KCL II Knowing, Learning, and Classroom Interactions II</p>	<p>Winter MATH 402 Elements of Modern Analysis II Free Elective KCL III Knowing, Learning, and Classroom Interactions III Research Methods</p>	<p>Spring co-op</p>
<p>5th Year</p> <p>Fall Free Elective Free Elective MATH 311 Probability and Statistics I PBI 1 Project Based Instruction EDEX 142 Spec Ed Foundations: Referral & Assessment PBI 2 Project Based Instruction Lab</p>	<p>Winter MATH 312 Probability and Statistics II Free Elective Functions & Modeling EDUC 244 Includ Practice for Exceptional Students</p>	<p>Spring MATH 205 Survey of Geometry EDEX 265 Instructing Eng Lang Learners Apprentice Teaching & Seminar</p>