

BS CHEM with DragonsTeach
Sample Plan of Study
2014-15

<p>1st Year</p> <p>Fall BIO 122 Cells and Genetics ENGL 101 Exp Writing and Reading CHEM121 Majors Chemistry I UNIV S101 The Drexel experience MATH 121 Calculus</p>	<p>Winter CHEM122 Majors Chemistry II ENGL 102 Persuasive Writing & Reading MATH 122 Calculus II PHYS 101 Physics I CIVC 101 Civic Engagement</p>	<p>Spring CHEM123 Majors Chemistry III ENGL 103 Analytical Writing and Reading MATH 123 Calculus III PHYS 102 Physics II</p>
<p>2nd Year</p> <p>Fall CHEM 230 Quantitative Analysis CHEM 231 Quantitative Analysis Lab CHEM246 Majors Organic I PHYS 201 Physics III ESTM 201 STEM Teacher Education Prep (Step 1)</p>	<p>Winter CHEM248 Majors Organic II MATH 200 Multivariate Calculus ESTM 210 STEM Teacher Education Prep (Step 2) KLCI I Knowing, Learning, and Classroom Interactions I</p>	<p>Spring co-op</p>
<p>3rd Year</p> <p>Fall CHEM 249 Majors Organic III CHEM 253 Thermodynamics & Kinetics BIO 214 Principles of Cell Biology KLCI II Knowing, Learning, and Classroom Interactions II</p>	<p>Winter CHEM 270 Software Skills for Chemists CHEM 357 Physical Chemistry Lab EDEX 142 SPED I - Spec Ed Foundations KLCI III Knowing, Learning, and Classroom Interactions III MATH 201/210 Elective</p>	<p>Spring co-op</p>
<p>4th Year</p> <p>Fall CHEM 355 Physical Chemistry IV CHEM 421 Inorganic Chemistry I CHEM 430 Analytical Chemistry I CHEM 367 Chemical Info Retrieval UNIV S201 Looking Forward Perspectives: Science & Mathematics</p>	<p>Winter CHEM 359 Atomic/Molecular Spectroscopy CHEM 420 Mol Sym/Group Theory CHEM 431 Analytical Chem II Research Methods EDEX 244 SPED 2 Incl Prac for Exceptional Stud</p>	<p>Spring co-op</p>
<p>5th Year</p> <p>Fall CHEM 346 Qualitative Organic Lab CHEM 358 Physical Chem Lab II CHEM 493 Senior Research BIO 404/301 Biochemistry Lecture Elective</p>	<p>Winter CHEM 493 Senior Research BIO 306 Biochemistry Lab PBI 1 Project Based Instruction PBI 2 Project Based Instruction Lab EDUC 265 SPED 3 Insructing ELL Elective</p>	<p>Spring CHEM 422 Inorganic Chem II CHEM 425 Inorganic Chem Lab CHEM 493 Senior Research Apprentice Teaching & Seminar</p>