

**2+2 Academic Plan**  
*COD Associate in Science to EU Broadfield Science Secondary Education Licensure with  
 Chemistry Concentration*

<b>College of DuPage</b>		<b>Elmhurst University</b>	
<b>Associate in Science Degree Requirements</b>	<b>Credits</b>		<b>Credits</b>
<b><u>General Education Core Curriculum Requirements:</u></b>	<b>38-40</b>	<b><u>Integrated Curriculum Equivalencies:</u></b>	
<b><u>Communication:</u></b>  <i>Written:</i> ENGLI 1101 and 1102 (Grade of “C” or higher required for both courses.)  <i>Oral:</i> SPEEC 1100	<b>9</b>	<b><u>Writing &amp; Reasoning:</u></b>  ENG 105 Composition I ENG 106 Composition II  COM 213 Public Speaking	
<b><u>Mathematics:</u></b>  MATH 2231	<b>5</b>	<b><u>Mathematics:</u></b>  MTH 151 Calculus I	
<b><u>Additional Mathematics Course:</u></b> Choose 1 – 1218, 1220, 1428, 1431, 1432, 1533, 1635, 2232, 2233 *Can take 1432 to meet this requirement, as long as they take 2231 to meet Mathematics requirement above, but starting with 2231 is preferable. *Courses in red are recommended	<b>3-5</b>	MTH 110, MTH 121, MTH 132, Math elective, MTH 345, MTH 152, MTH 251	

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<p><b><u>Physical &amp; Life Sciences:</u></b></p> <p><b><u>Life Sciences:</u></b> BIOLO 1151 Principles of Biological Science I</p> <p><b><u>Physical Sciences:</u></b> EARTH 1101 Physical Geology of Earth's Interior - <b>OR</b> - EARTH 1102 Physical Geology of Earth's Surface - <b>OR</b> - EARTH 1122 Astronomy: The Solar System</p>	<b>9</b>	<p><b><u>Physical/Life Sciences &amp; Broadfield Science Equivalencies:</u></b></p> <p><b><u>Life Sciences:</u></b> BIO 200 General Biology I</p> <p><b><u>Physical Sciences:</u></b> GEO 102 Earth System Science GEO 102 Earth System Science - <b>OR</b> - AST 212 Introduction to Astronomy</p>	
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<p><b><u>Humanities &amp; Fine Arts Requirements:</u></b>          Select one course from the Humanities selection and one course from the Fine Arts selection.</p> <p><b>Humanities:</b></p> <p>English 1130, 1150, 1151, 1152, 1153, 1159, 1160, 1165, 2220, 2221, 2223, 2224, 2226, 2227, 2228, 2262</p> <p>History 1110, 1120, 1160, 2205, 2220, 2225, 2230, 2235</p> <p>Humanities 1102, 1103</p> <p>Philosophy 1100, 1110, 1116, 1050, 2010, 2011</p> <p>Religious Studies 1100, 1110, 1120, 1150, 2160</p> <p><b>*Philo 1110 highly recommended to meet Gen Ed requirements at COD</b></p> <p><b>Fine Arts:</b></p> <p>Art 1100, 2211, 2212, 2213, 2214</p> <p>English 1135</p> <p>Humanities 1101</p> <p>Music 1100, 1104, 1115</p> <p>Theater 1100</p>	<p>6</p>	<p><b><u>Humanities &amp; Fine Arts Equivalencies:</u></b></p> <p><b>Humanities:</b></p> <p>All English courses listed meet the Literature Area of Knowledge</p> <p>All History courses listed meet the Historical Analysis Area of Knowledge</p> <p>Inquiry into Ethics and Justice Area of Knowledge, Literature Area of Knowledge</p> <p>All Philosophy classes except for PHILO 1150 meet the Inquiry into Ethics and Justice Area of Knowledge.</p> <p>PHILO 1150 and all Religious Studies courses meet the Religious Studies in Context Area of Knowledge.</p> <p><b>Fine Arts Courses:</b></p> <p>Art 1100 meets the Fine Arts Area of Knowledge, the other Art courses meet the Historical Analysis Area of Knowledge,</p> <p>English 1135 meets the Fine Arts Area of Knowledge</p> <p>Music 1100 and 1104 meet the Fine Arts Area of Knowledge. Music 1115 meets the Social and Political Analysis Area of Knowledge</p> <p>Theater 1100 meets the Fine Arts Area of Knowledge</p>	
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<p><b><u>Social &amp; Behavioral Sciences:</u></b></p> <p><b>Psychology:</b> 1100</p> <p>Select one course:</p> <p><b>Anthropology:</b> 1000, 1100</p> <p><b>Geography:</b> 1100, 1105, 1130</p> <p><b>History:</b> 1130, 1140, 2210, 2215, 2260</p> <p><b>Political Science:</b> 1100, 1101, 2203, 2220</p> <p><b>Sociology:</b> 1120, 2210, 2215</p>	<p><b>6</b></p>	<p><b><u>Elmhurst University Equivalencies</u></b></p> <p>Completion of TWO courses in this category at College of DuPage satisfies Elmhurst University Integrated Curriculum requirements.</p>	
<p><b><u>Prescribed General Electives:</u></b></p> <p>BIOLO 1152 Principles of Biological Science II          CHEMI 1551 Principles of Chemistry I          CHEMI 1552 Principles of Chemistry II          PHYSI 2111 Physics for Science and Engineering I          PHYSI 2112 Physics for Science and Engineering II</p>	<p><b>25</b></p>	<p><b><u>Prescribed Broadfield Equivalencies:</u></b></p> <p>BIO 201 General Biology II          CHM 211 Chemical Principles I          CHM 212 Chemical Principles II          PHY 121 General Physics I          PHY 122 General Physics II</p>	
<p><b>Total AS College of DuPage Credits</b></p>	<p><b>63-65</b></p>		
<p><b><u>Additional College of DuPage Credits</u></b>          *Students using financial aid must complete the Associate of Science degree requirements prior to taking the additional electives listed below. Students</p>			

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should communicate with advising and financial aid offices regarding this guideline.			
<b><u>Prescribed Licensure Electives:</u></b>  EDUCA 1100 Introduction to Education EDUCA 2201 Education for Exceptional Children	<b>6</b>	<b><u>Teacher Education Admission Equivalencies:</u></b>  EDU 104 Cultural Foundations of Education in the U.S. EDU 223 Education of PK-12 Learners with Exceptionalities	
		A separate School of Education: Teacher Education Program application found at <a href="https://www.elmhurst.edu/academics/departments/education/admission-requirements/secondary-education/">https://www.elmhurst.edu/academics/departments/education/admission-requirements/secondary-education/</a> is required in addition to the university application. Please also note the cumulative 2.75 GPA requirement.	
<b>Total College of DuPage Credits</b>	<b>69-71</b>		
		<b><u>Remaining Elmhurst University Requirements</u></b> CHM 311 Organic Chemistry I (4) CHM 312 Organic Chemistry II (4) CHM 300/400 Chemistry Elective with Lab (4) CHM 300/400 Chemistry Elective with Lab <b>-OR-</b> CHM 221 Analytic Chemistry (4) EDU 311 Educational Psychology (4) SEC 100 Introductory Seminar Teaching as a Caring Profession (1) SEC 300 Intermediate Seminar for teaching in Diverse & Inclusive Schools (1) SEC 310 Methods and Best Practices in Secondary Education (4) TEL 317 Methods and Materials for Teaching ESL (3) SEC 360 The Middle School: History, Philosophy, Organizational Structures, and Best Practices (4) SEC 421 Theory and Practice for Building Academic Literacies in K-12 Classrooms (4) SEC 450 Advanced Seminar in Teacher Collaboration & Professional Practice (1)	<b>57-59</b>

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		<p>SEC 440/441 The Teaching of Middle School Science/Secondary Science (4)          SEC 455 Student Teaching in Secondary and Middle Schools (12)</p> <p>An additional 3 semester hours will be required to meet the 128-semester hour graduation requirement. These hours may be fulfilled through the following:</p> <ol style="list-style-type: none"> <li>1) Completion of chemistry major requirements</li> <li>2) English as a Second Language or Bilingual Endorsement</li> <li>3) Remaining Integrated Curriculum Requirements</li> <li>4) General Electives</li> </ol>	
<b>Total Elmhurst University Credits</b>			<b>128</b>

\* This academic plan is designed to be completed within four years. Please note that if developmental courses or prerequisites are required to access the courses listed in this plan, the overall completion timeframe may be extended.