### MAJOR EVALUATION FORM

**CHEMISTRY**

Students seeking licensure will also fulfill the requirements listed on the **Natural Sciences Licensure** form and in the college catalog.

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**Name** ____________________________  **eNumber** ____________________________

Transfer students must complete at least half of the course credits required for this major at Elmhurst College.

Elmhurst College is in the process of converting from course credits to semester hours. Please note this will not change the relative value of each class, only the way it is transcripted. 1.0 course credit = 4 semester hours

<table>
<thead>
<tr>
<th>EC Course #</th>
<th>EC Course Title</th>
<th>Transfer Institution</th>
<th>Transfer Course #</th>
<th>Course Credit</th>
<th>Grade</th>
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<tbody>
<tr>
<td><strong>Core:</strong></td>
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<tr>
<td>CHM 211 &amp;</td>
<td>Chemical Principles I</td>
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<tr>
<td>CHM 212</td>
<td>Chemical Principles II</td>
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<td><strong>OR</strong></td>
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<tr>
<td>CHM 220(H)</td>
<td>Advanced Chemical Principles (instructor permission required)</td>
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<tr>
<td>CHM 221</td>
<td>Analytical Chemistry</td>
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<td>CHM 311</td>
<td>Organic Chemistry I</td>
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<td>CHM 312</td>
<td>Organic Chemistry II</td>
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<tr>
<td>CHM 412</td>
<td>Physical Chemistry: Quantum Mechanics &amp; Spectroscopy</td>
<td>[prereqs: MTH 152, pre/coreq: PHY 121]</td>
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<tr>
<td>CHM 413</td>
<td>Physical Chemistry: Thermodynamics, Kinetics &amp; Statistical Mechanics</td>
<td>[prereqs: MTH 152, pre/coreq: PHY 122]</td>
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<tr>
<td>CHM 494</td>
<td>Chemistry Research [.50 Course]</td>
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<tr>
<td>CHM 496</td>
<td>Chemistry Research Seminar I [.25 course]</td>
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<tr>
<td>CHM 497</td>
<td>Chemistry Literature Seminar I [.25 course]</td>
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<tr>
<td>CHM 498</td>
<td>Chemistry Literature Seminar II [.25 course]</td>
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<tr>
<td>CHM 499</td>
<td>Chemistry Research Seminar II [.25 course]</td>
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<tr>
<td>MTH 151</td>
<td>Calculus I [Note: prereqs may apply]</td>
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<tr>
<td>MTH 152</td>
<td>Calculus II</td>
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<tr>
<td>PHY 121</td>
<td>General Physics I</td>
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<tr>
<td>PHY 122</td>
<td>General Physics II</td>
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**MAJOR IN CHEMISTRY:** Core Curriculum, plus:

| CHM 422-26 | Chemical Instrumentation [Five .25 Course Modules] |                   |                   |               |       |

THREE Additional Advanced Chemistry Course Credits (300/400 Level)

**MAJOR IN CHEMISTRY with American Chemical Society Approval:** Core Curriculum, plus:

| CHM 315    | Intro to Biochemistry |                      |                   |               |       |
| CHM 422-26 | Chemical Instrumentation [Five .25 Course Modules] |                   |                   |               |       |
| CHM 432    | Advanced Inorganic Chemistry |                      |                   |               |       |

A total of two course credits from the following:

| CHM 313, 316, 414, 460 | | | | |
|-------------------------|------------------|
| PHY | Advanced Physics Course with Calculus II Prereq |
| MTH | Advanced Math Course with Calculus II Prereq |

Highly recommended for Chemistry Majors: Math courses beyond MTH 152 (Calculus II), CS 220, BIO 200.

Exact courses are dependent on your career goals.

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Evaluator ____________________________  **Date** ____________________________  **Update(s)** ____________________________

**Date(s) Sent to Student** ____________________________

FORM 2017-18 Catalog