



MAJOR EVALUATION FORM

**CHEMISTRY**

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

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 transcribed. 1.0 course credit = 4 semester hours**

EC Course #	EC Course Title	Transfer Institution	Transfer Course #	Course Credit	Grade
<b>Core:</b>					
CHM 220(H) <b>OR</b> CHM 211 & CHM 212	Advanced Chemical Principles <b>OR</b> Chemical Principles I Chemical Principles II				
CHM 221	Analytical Chemistry				
CHM 311	Organic Chemistry I				
CHM 312	Organic Chemistry II				
CHM 412	Physical Chemistry: Quantum Mechanics & Spectroscopy [prereqs: MTH 152, pre/coreq: PHY 121]				
CHM 413	Physical Chemistry: Thermodynamics, Kinetics & Statistical Mechanics [prereqs: MTH 152, pre/coreq: PHY 122]				
CHM 494	Chemistry Research [.50 Course]				
CHM 496	Chemistry Research Seminar I [.25 course]				
CHM 497	Chemistry Literature Seminar I [.25 course]				
CHM 498	Chemistry Literature Seminar II [.25 course]				
CHM 499	Chemistry Research Seminar II [.25 course]				
MTH 151	Calculus I [Note: prereqs may apply]				
MTH 152	Calculus II				
PHY 121	General Physics I				
PHY 122	General Physics II				
<b>MAJOR IN CHEMISTRY: Core Curriculum, plus:</b>					
CHM 420	Chemical Instrumentation I [.75 course]				
CHM 421	Chemical Instrumentation II [0.5 course]				
<b>THREE Additional Advanced Chemistry Course Credits (300/400 Level)</b>					
<b>MAJOR IN CHEMISTRY with American Chemical Society Approval: Core Curriculum, plus:</b>					
CHM 315	Intro to Biochemistry				
CHM 420	Chemical Instrumentation I [.75 course]				
CHM 421	Chemical Instrumentation II [0.5 course]				
CHM 432	Advanced Inorganic Chemistry				
A total of two course credits from the following:					
CHM	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.**

Evaluator \_\_\_\_\_ Date \_\_\_\_\_ Update(s) \_\_\_\_\_

Date(s) Sent to Student \_\_\_\_\_