

MAJOR EVALUATION FORM
CHEMISTRY

NAME _____ STUDENT ID _____

Transfer students must take courses in the major field at Elmhurst College equal to one-half of the total courses required for the major. Only core courses with a minimum **grade of C** and **taken within the last ten years** may be transferred into the department.

Students seeking secondary education certification also need a biological science with a lab. Please see the NATURAL SCIENCE CERTIFICATION form and the College catalog for additional information and requirements.

COURSE NUMBER	COLLEGE	COURSE TITLE	CREDIT EARNED	GRADE
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Core Curriculum:

<u>CHM 211</u>	<u>_____</u>	<u>Chemical Principles I</u>	<u>_____</u>	<u>_____</u>
<u>CHM 212</u>	<u>_____</u>	<u>Chemical Principles II</u>	<u>_____</u>	<u>_____</u>
<u>CHM 221</u>	<u>_____</u>	<u>Analytical Chemistry</u>	<u>_____</u>	<u>_____</u>
<u>CHM 311</u>	<u>_____</u>	<u>Organic Chemistry I</u>	<u>_____</u>	<u>_____</u>
<u>CHM 312</u>	<u>_____</u>	<u>Organic Chemistry II</u>	<u>_____</u>	<u>_____</u>
<u>CHM 412</u>	<u>_____</u>	<u>Physical Chemistry: Quantum Mechanics & Spectroscopy</u> <u>(Prerequisites: MTH 152, PHY 122)</u>	<u>_____</u>	<u>_____</u>
<u>CHM 413</u>	<u>_____</u>	<u>Physical Chemistry: Thermodynamics, Kinetics, & Statistical Mechanics</u>	<u>_____</u>	<u>_____</u>
<u>CHM 494</u>	<u>_____</u>	<u>Independent Research (.50 course)</u>	<u>_____</u>	<u>_____</u>
<u>CHM 496-499</u>	<u>_____</u>	<u>Chemistry Research & Literature Seminars (.25 each course)</u>	<u>_____</u>	<u>_____</u>
<u>MTH 151</u>	<u>_____</u>	<u>Calculus I (Note: prerequisites may apply)</u>	<u>_____</u>	<u>_____</u>
<u>MTH 152</u>	<u>_____</u>	<u>Calculus II</u>	<u>_____</u>	<u>_____</u>
<u>PHY 121</u>	<u>_____</u>	<u>General Physics I</u>	<u>_____</u>	<u>_____</u>
<u>PHY 122</u>	<u>_____</u>	<u>General Physics II</u>	<u>_____</u>	<u>_____</u>

MAJOR IN CHEMISTRY: Core Curriculum, plus:

CHM 422-26 _____ Chemical Instrumentation (five .25 course modules) _____

THREE Additional Advanced Chemistry Courses

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

CHM 422-26 _____ Chemical Instrumentation (five .25 course modules) _____

CHM 315 _____ Introduction to Biochemistry _____

CHM 432 _____ Advanced Inorganic Chemistry _____

Any TWO Courses From The Following:

CHM _____ CHM 313, 414, 460 _____

PHY _____ Advanced Physics course with Calculus II prerequisite _____

MTH _____ Advanced Math course with Calculus II prerequisite _____

CONCENTRATION IN BIOCHEMISTRY -- Core Curriculum plus:

CHM 315 _____ Introduction to Biochemistry _____

CHM 316 _____ Intermediate Biochemistry _____

CHM 423 _____ Chemical Instrumentation (.25) _____

CHM 425 _____ Chemical Instrumentation (.25) _____

BIO 200 _____ General Biology I _____

BIO 201 _____ General Biology II _____

BIO 315 _____ Genetics _____

Recommended:

BIO 413 _____ Molecular Genetics _____

Highly Recommended For Chemistry Majors: Advanced math (MTH 341), PHL 305, participation in field experience, Co-op (Argonne), an Internship or CHM 492, Independent Study.

Evaluator _____ Date _____ Update(s) _____

Date(s) Sent To Student _____