

Hartwick College - Office of Academic and Pre-Professional Advising
Graduation Requirements Worksheet

Name: _____ Catalog Yr: _____ Department: Chemistry (B.A. Chemistry)

Liberal Arts in Practice

Completed Gr/Cr

First Year Seminar & 'Wick 101 Course

First Year Seminar _____ _____
'Wick 101 _____ _____

Writing Competency* - Depending on your Writing Level, take ENGL 101 (WL1), ENGL 110 (WL2), ENGL 111 (WL2b), or any WL3 course in any department, to achieve WL4.

_____ _____
_____ _____

3 Credits in Quantitative/Formal Reasoning (QFR)

QFR Designation _____ _____

Foreign Language** - Spanish, German and French

Language Course I _____ _____
Language Course II (If needed) _____ _____

9 Credits in Humanities - Art, Art History, English, Music, Music Education, Philosophy, Religious Studies and Theatre

EL/ILS*** Humanities course _____ _____
3 or 4 cr Humanities course _____ _____
3 or 4 cr Humanities course _____ _____

9 Credits in Physical & Life Sciences - Biology, Chemistry, Computer and Information Science, Geology, Mathematics, Nursing and Physics

1 Biology or Geology course _____ _____
1 Chemistry or Physics course _____ _____
3 or 4 cr Phys/Life Science _____ _____
Lab Component _____ _____

Note: Lab must be in a Biology, Geology, Chemistry or Physics Course

9 Credits in Social Sciences - Accounting, Finance, Anthropology, Business Admin, Economics, Education, History, Political Science, Psychology and Sociology

EL/ILS Social Science Course _____ _____
3 or 4 cr Social Science course _____ _____
3 or 4 cr Social Science course _____ _____

Note: Courses must be in at least two different departments

2 Credits in Physical Education

1 cr Physical Education course _____ _____
1 cr Physical Education course _____ _____

*Achieve Writing Level 4 either by attaining an A- or better in ENGL 110 or by taking a WL3 course and receiving the instructor's recommendation to be advanced to WL4.

** Language requirement can be fulfilled in one of four ways: two elementary courses, one elementary and an off-campus program, one elementary and culture course, or one intermediate or immersion course.

*** Courses with EL/ILS designation can be found in course offerings

Chemistry Requirements

Completed Gr/Cr

Core Courses in Chemistry

Students may replace CHEM 107/107L and 108/108L with CHEM 109

_____ _____
CHEM 201/201L Organic Chemistry I w/lab _____ _____
CHEM 202/202L Organic Chemistry II w/lab _____ _____
CHEM 203/203L Analytical Chemistry w/lab _____ _____
CHEM 210/210L Inorganic Chemistry I w/lab _____ _____
CHEM 303/303L Physical Chemistry I w/lab _____ _____

Advanced-Level Courses in Chemistry

BIOC 405 Biochemistry I (BIOC 405L optional) _____ _____
CHEM 490 Senior Thesis Research (4 credits) _____ _____

Two Courses in Mathematics

MATH 121 Single Variable Calculus _____ _____
MATH 233 Multivariable Calculus _____ _____

Two Courses in Physics

PHYS 140 Principles of Physics I _____ _____
PHYS 141 Principles of Physics II _____ _____
or
PHYS 201 General Physics I _____ _____
PHYS 202 General Physics II _____ _____

You Should Know

MATH 121 & PHYS 201: Require Math Level 5
(students successfully completing MATH 120 may take MATH 121).
CHEM 201, 203, 210 & 303: Require passing grade in CHEM 108 or 109.
CHEM 303: Requires passing grade in MATH 233 and PHYS 141 or 202.
BIOC 405: Requires passing grade in CHEM 202 and BIOL 202 (or the equivalent). (The BIOL 101 prerequisite for BIOL 202 is waived for Chemistry majors.)

Contact the Chemistry Department for more information

Key Terms:

Gr: Grade Received,
Cr: Credit Received

Core Notes:

Students must complete 120 academic credits exclusive of Physical Education and achieve a 2.0 cumulative and major GPA to graduate. Liberal Arts Credits required: BA 90, BS 60. Liberal arts courses do not include Education, Computer/Information Science, Nursing or Business/Accounting.