

CHEMISTRY

- _____ Chem 1021 (4) Chem Prin. I
 _____ Chem 1022 (4) Chem Prin. II
 _____ Chem 2301 (3) Organic Lect I
 _____ Chem 2302 (3) Organic Lect II
 _____ Chem 2311 (4) Organic Lab
 _____ Chem 4701 (3) Intro. Inorganic Chem
 _____ Chem 2101 (3) Intro Analytical Chem Lect
 _____ Chem 2111 (2) Intro Analytical Chem Lab
 _____ Chem 3501 (3) Physical Chem I
 _____ Chem 3502 (3) Physical Chem II

Adv. Chem Lecture Elect. (IT 3 cr., CLA 0 cr.)

Selected from any non-required upper level Chem course

Adv. Chem Lab Elect. (IT 6 cr., CLA 2 cr. plus 2094 or 4094)

4111, 4311, 4511, 4711, 4223 IT students can use Chem 4094
 or a selected (*) upper level lab (≥ 2 cr) in place of one lab

Directed Studies for CLA students (2 cr) _____

Research Advisor _____

(*) ChEn 4401, ChEn 4402, BioC 4025, MedT 4311, MedT 4321, Phys 2605

MATH

- _____ Math 1271 (4) Calculus I
 _____ Math 1272 (4) Calculus II
 _____ Math 2263 (4) Multivariable Calculus
- _____ Math/Phys elective (4) IT Only
 (Math 2243 or Phys 2303 or 2503 or Stat 3021)

PHYSICS

- _____ Phys 1301 (4) Intro Physics I
 _____ Phys 1302 (4) Intro Physics II

WRITING PRACTICE

- _____ Comp 1011 (4) Univ Writing & Critical Reading
 _____ 4 Writing Intensive Requirements
- _____
- _____

ADVANCED TECHNICAL ELECTIVES

IT 6 cr., CLA 3 cr. - upper level technical courses (≥ 3 cr)

LIBERAL EDUCATION REQUIREMENTSDesignated Themes

1 course (≥ 3) in each of the sub-groups

check guidelines for multiple requirements

Citizens & Public Ethics

Cultural Diversity

Environment (*Uof MN Gen Chem satisfies*)

International Perspectives

Diversified Core

Physical & Biological Science (8 cr - 2 courses)

Gen Chem satisfies 1 of 2 courses needed.

Need one Biological Science course. _____

Social Science & Humanities (15 cr)

Social Science (6 cr)

Humanities (6 cr)

Historical Perspective.(3 cr)

Mathematical Thinking (2 cr - 1 course)

Satisfied by departmental requirements.