

University of Wyoming
Department of Chemistry
BA (CHEM) Requirements

Chemistry Core (prefix CHEM)

1001	The Chemical Community <i>Recommended, not required</i>	(1 hr)
1020 or 1050	General Chemistry I	4 hrs
1030 or 1060	General Chemistry II	4 hrs
2230	Quantitative Analysis	4 hrs
2420	Organic Chemistry I	4 hrs
2440	Organic Chemistry II	4 hrs
4110	Inorganic Chemistry	3 hrs
4507 or 3550	Physical Chemistry	3 hrs
Upper Division Electives		6 hrs

- * May not include 4920 Special Problems in Chemistry, and no more than 3 hrs in 4930 Undergraduate Research.
- * At least 1 hr must be from lab work included in 4100 Inorganic Chemistry Lab, 4230 Instrumental Methods of Chemical Analysis, or 4530 Physical Chemistry Lab.

Total 32 hrs

Math Courses

MATH 2200	Calculus I (QB)	4 hrs
MATH 2205	Calculus II	4 hrs

Physics Courses

PHYS 1110, 1210 or 1310	Introduction to Physics I	4 hrs
PHYS 1120, 1220 or 1320	Introduction to Physics II	4 hrs

Arts & Sciences Extended Core

Non-Western (NW)		3 hrs
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Upper Division Courses <i>outside</i> Chemistry		9 hrs
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May not include MOLB 3610 Principles of Biochemistry or courses used to fulfill USP.

Foreign Language (two semesters of the <i>same language</i>)		4 hrs
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University Studies Requirements

Intellectual Community (1-3 hrs)

I (*CHEM 1001, recommended*) _____

Writing I (3 hrs)

WA _____

Oral Communication (3 hrs)

O _____

Quantitative Reasoning 1 and 2 (3 hrs each)

QA (*Satisfied by prerequisite requirements for Calculus I*)

QB (*MATH 2200/2205*) _____

**Sciences (4-8 hrs) - 2 lab courses from two different departments
—satisfied by CHEM & PHYS core requirements**

Cultural Context (9 hrs; 3 from CH, CS, and CA; can substitute C for one area)

C _____

CH _____

CS _____

CA _____

US & WY Constitution (3 hrs)

V _____

Physical Activity & Health

P _____

Embeddable Components

Information Literacy

L (*CHEM 1001, recommended*) _____

Writing 2 and 3

WB _____

WC (*ENGL 4010 recommended*) _____

Global Awareness

G _____

Diversity in the United States

D _____

- The College of Arts & Sciences requires 120 hours for graduation, exclusive of P.
- As of Fall 1997 the University requires 48 hours of upper division credit for graduation, 30 of which must be earned from UW.
- All Chemistry core, Math, and Physics courses required for BA degree must be completed with a grade of C or better.