

Chemistry, BA



University of Wyoming

Freshman Fall Semester

	Hrs	Min Grade	Notes
USP First Year Seminar	3	C	FY
CHEM 1020 General Chemistry I	4	C	Can substitute CHEM 1050. Offered fall only.
MATH 2200 Calculus I	4	C	Q, min Math Placement Exam score required
ENGL 1010 College Composition and Rhetoric	3	C	C1
Credit hours subtotal:			14

Freshman Spring Semester

	Hrs	Min Grade	Notes
CHEM 1030 General Chemistry II	4	C	Can substitute CHEM 1060. Offered spring only.
MATH 2205 Calculus II	4	C	
POLS 1000 American and Wyoming Government	3		V
USP Human Culture	3		H
Credit hours subtotal:			14

Sophomore Fall Semester

	Hrs	Min Grade	Notes
CHEM 2420 Organic Chemistry I	4	C	
PHYS 1110 General Physics I	4	C	PN, Can substitute PHYS 1210.
USP Communication 2	3	C	C2
USP Human Culture	3		H
Elective	3		
Credit hours subtotal:			17

Sophomore Spring Semester

	Hrs	Min Grade	Notes
CHEM 2440 Organic Chemistry II	4	C	
PHYS 1120 General Physics II	4	C	Can substitute PHYS 1220.
A&S Core Global	3		ASG
Elective	3		
Credit hours subtotal:			14

Notes:

Students must have a minimum cumulative GPA of 2.0 to graduate.

Students must complete 48 hours of upper division coursework, 30 of which must be from the University of Wyoming.

No more than 60 hours in the major subject may be used toward the 120 credits required (128 for professional programs).

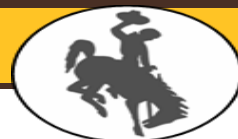
All hours in the major subject must be completed with a grade of C or better.

Courses must be taken for a letter grade unless offered for S/U only.

H and PN courses must be taken outside the major subject, but can be cross-listed with the major.

This is a guide for coursework in the major; actual course sequence may vary by student. Please refer to online student degree evaluation.

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Junior Fall Semester

	Hrs	Min Grade	Notes
CHEM 4110 Introductory Inorganic Chemistry	3	C	
Upper Division Chemistry Elective	3	C	
A&S Core Diversity in US	3	ASD	
Upper Division Electives	6		
Credit hours subtotal:	15		

Junior Spring Semester

	Hrs	Min Grade	Notes
CHEM 2230 Quantitative Analysis	5	C	
Upper Division Electives	12		
Credit hours subtotal:	17		

Senior Fall Semester

	Hrs	Min Grade	Notes
CHEM 3550 Physical Chemistry for the Life Sciences†	3	C	
USP Communication 3	3	C	C3, CHEM 4010 recommended but not required.
Upper Division Electives	9		
Credit hours subtotal:	15		

Senior Spring Semester

	Hrs	Min Grade	Notes
CHEM 4100 Inorganic Chemistry Laboratory‡	2	C	
Upper Division Chemistry Elective	1	C	Please see note # below
Upper Division Electives	13		
Credit hours subtotal:	16		

TOTAL CREDIT HOURS: 121

Notes:

† CHEM 4507 is an acceptable substitute for 3550, but it does have the additional prerequisite of MATH 2210.

‡ CHEM 4100 satisfies the upper division lab credit, but it may be replaced by one of the other acceptable course, for example CHEM 4230 (fall) or 4525 (fall) if taken in conjunction with 4507 (see previous note)

A total of 6 credits of upper division chemistry electives are required; these must include an upper division lab (see previous note). The 1 credit reflects the choice of CHEM 4100 to satisfy the lab requirement.