



Chemistry, BA

FALL

SPRING

Course Number	Course Title	USP	CR	Min Grade	Grade	Course Number	Course Title	USP	CR	Min Grade	Grade
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FRESHMAN YEAR

CHEM 1020	General Chemistry I		4	C		CHEM 1030	General Chemistry II		4	C	
Prerequisite: ACT MATH 23 or concurrent MATH 1400/1405 or 1450						Prerequisite: C in CHEM 1020					
	USP: Communications I	C1	3	C		MATH 2205	Calculus II	Q	4	C	
Prerequisite: Varies						Prerequisite: C in Math 2200					
MATH 2200	Calculus I	Q	4	C			USP: US & WY Const.	V	3	D	
Prerequisite: C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640						Prerequisite: Varies					
	USP: Human Culture	H	3	D			USP: Human Culture	H	3	D	
Prerequisite: Varies						Prerequisite: Varies					
Total						Total					

SOPHOMORE YEAR

CHEM 2420	Organic Chemistry I		4	C		CHEM 2440	Organic Chemistry II		4	C	
Prerequisite: C in CHEM 1030 or CHEM 1060						Prerequisite: C in CHEM 1030 or CHEM 1060 and CHEM 2420					
PHYS 1210 or 1110	Physics I	PN	4	C		PHYS 1220 or 1120	Physics II	PN	4	C	
Prerequisite: Varies						Prerequisite: Varies					
	Global or General Elective		3	D			General Elective		4	D	
Prerequisite: Varies						Prerequisite: Varies					
	General Elective		4	D			USP: Communications II	C2	3	C	
Prerequisite: Varies						Prerequisite: C in C1					
Total						Total					

JUNIOR YEAR

CHEM 4110	Introductory Inorganic Chemistry		3	C		CHEM 2230	Quantative Analysis		5	C	
Prerequisite: C in CHEM 2420 and Physical Chemistry (not enforced)						Prerequisite: CHEM 1030, CHEM 1060 or Equivalent					
	Diversity or General Elective		3	D			General Elective		4	D	
Prerequisite: Varies						Prerequisite: Varies					
	General Elective		4	D			General Elective		4	D	
Prerequisite: Varies						Prerequisite: Varies					
	Upper Div Elective		3	D			Upper Div Elective		3	D	
Prerequisite: Varies						Prerequisite: Varies					
	Upper Div Elective		3	D							
Prerequisite: Varies						Prerequisite: Varies					
Total						Total					

SENIOR YEAR

CHEM	Upper Div CHEM Elec		3	C		CHEM	Physical Chemistry- 3550 or 4507		3	C	
Prerequisite: Must have at least one of CHEM 4100, 4230, or 4530						Prerequisite: Varies					
CHEM	Upper Div CHEM Elec		3	C			Upper Div Elective		3	D	
Prerequisite: Varies						Prerequisite: Varies					
	Upper Div Elective		3	D			Upper Div Elective		3	D	
Prerequisite: Varies						Prerequisite: Varies					
	Upper Div Elective		3	D			Upper Div Elective		3	D	
Prerequisite: Varies						Prerequisite: Varies					
	USP: Communications III	C3	3	C			Upper Div Elective		3	D	
Prerequisite: C in C2						Prerequisite: Varies					
Total						Total					

Fall only or spring only course

Total Program Credits: 120

*CHEM 3550 offered in spring; CHEM 4507 offered in Fall. CHEM 3550 prerequisites are CHEM 1030 and MATH 2200. CHE 4507 prerequisites are CHEM 1030, PHYS 1220 and MATH 2210

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

*Students must complete 42 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 S/U only.

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

*Students with specific additional interests (pre-med or pre-professional) may wish to move V/H/C2 courses to take necessary courses