

Chemistry, BS (CACS)

FALL						SPRING						
Course	Course Title	USP	CR	Min	Grade	Course	Course Title	USP	CR	Min	Grade	
Number	Course Title	051	CK	Grade		Number		031	CK	Grade	Grau	
CHEM 1020	Comment Chamber		4	C C	ESHM				4	С	ı	
	General Chemistry I ACT MATH 23 or concurrent MATH 140	00/1405				CHEM 1030 Prerequisite:	General Chemistry II C in CHEM 1020		4	C		
Prerequisite:	USP: Communications I	C1	2	C		MATH 2205	Calculus II	Q	4	С		
	usi . Communications i	CI	,	C		Prerequisite:	C in Math 2200	Q	4	C		
MATH 2200	Calculus I	Q	4	С		PHYS 1210	Engineering Physics I	PN	4	С		
Prerequisite:	C in Math 1405 or 1450, MPE 5, Math	•				Prerequisite:	Concurrent in Math 2205					
	USP: Human Culture	Н	3	D		One of:	COSC 1010 or STAT 2050		3	С		
Prerequisite:	Varies					Prerequisite:	Varies					
,	Total		14				Total		15			
				SO	PHOM	ORE YEA	R					
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	СНЕМ 24	120			
MATH 2210	Calculus III		4	C		CHEM 2230	Quantative Analysis		5	C		
Prerequisite:	C in MATH 2205					Prerequisite:	CHEM 1030, CHEM 1060 or Equivale					
	USP: Human Culture	Н	3	D			USP: US & WY Const.	V	3	D		
Prerequisite:	Varies											
PHYS 1220	Engineering Physics II	PN	4	C			USP: Communications II	C2	3	C		
Prerequisite:	Concurrent in MATH 2210					Prerequisite:	C in C1					
	Total		15		HINIO	DATEAD	Total		15			
CHERT 4440			- 2	<u> </u>	JUNIO		1 ' 0 ' 1 1					
	Introductory Inorganic		3	C		CHEM 4100			2	C		
Prerequisite: CHEM 4230	C in CHEM 2420 and Physical Inst. Methds of Chem Analysis		5	С		Prerequisite: CHEM 4930	C in CHEM 2440 and CHEM 4110 or Undergrad Research	concurrent	t enrollm	C		
	Varies		3	C		Prerequisite:	Chemistry major and instructor consent		3	C		
Prerequisite:	Upper Div CHEM Elec		2	C		One of:	CHEM 4400/MOLB 3610/MOLB	4600	3	С		
Prerequisite:	Varies		_	C		Prerequisite:	Varies	1000	,	C		
rerequisite.	Global or General Elective		3	D		Trerequisite.	Diversity or General Elective		3	D		
Prerequisite:	Varies		,	-		Prerequisite:	Varies		,	-		
	Program Supporting Course		3	С		1	Program Supporting Course		3	С		
Prerequisite:	Varies					Prerequisite:	Varies					
•	Total		16				Total		14			
					SENIO	R YEAR						
CHEM 4000	Career Skills		3	C		CHEM 4508	Physical Chemistry II		3	C		
Prerequisite:	6 hours of CHEM classes					Prerequisite:	СНЕМ 4507					
CHEM 4507	Physical Chemistry I		3	C		CHEM 4530	Physical Chemistry Lab II		1	C		
Prerequisite:	1 year gen. CHEM, multivariable CALC	C, 1 year	PHYS			Prerequisite:	Chem 4508 or concurrent enrollment					
CHEM 4525	Physical Chemistry Lab I		1	C			General Elective		1	C		
Prerequisite:	CHEM 4507 or concurrent enrollment					Prerequisite:	Varies					
n	Program Supporting Course		3	C			Upper Div Program Supporting	g	3	C		
Prerequisite:	Varies	C2			 	Prerequisite:	Varies					
n	USP: Communications III C in C2	C3	3	C		n	Upper Div Program Supporting	3	3	D		
Prerequisite:			2	<u> </u>		Prerequisite:	Varies Hanner Div Floative			Ъ		
Pravagui sit si	Program Supporting Course Varies		3	C		Propagation	Upper Div Elective Varies		4	D		
Prerequisite:	Total		16			Prerequisite:	Varies Total		15		<u> </u>	
1	iotai		10				Total		13			
p. 11 1							T-4-1 P C. 32:		120			
rall only or	spring only course						Total Program Credits:		<u>120</u>			

•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 getter. 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

•CHEM 4000 offered in fall semesters of odd-numbered years

2025-2026 Catalog Year