

Chemistry, BS (CACS)

	FALL						SPRING					
Course	Course Title	USP	CR	Min	Grade	Course	Course Title	USP	CR	Min	Grade	
Number	Course Title	COI	en en	Grade		Number AN YEAR		COI	- CIA	Grade	Grade	
CHEM 1020	Conoral Chamistry I		4	C	ADSITIVE OF THE PROPERTY OF TH	CHEM 1030	General Chemistry II		4	C		
	General Chemistry I ACT MATH 23 or concurrent MATH 14	00 / 1 / 05		C		Prerequisite:	C in CHEM 1020		4	C		
Prerequisite:	USP: Communications I	C1	3	С		MATH 2205		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	111	4	C		
i rerequisite.	USP: Human Culture	H	3	D		One of:	COSC 1010 or STAT 2050		3	С		
Duanaguigita	Varies	11	3	D			Varies		3	C		
Prerequisite:	Total		14			Prerequisite:	Total		15			
	Total		14	SO	риома	ORE YEA			13			
CHEM 2420	Organic Chemistry I		4	C C	HUM	CHEM 2440	Organic Chemistry II		4	С		
Prerequisite:	C in CHEM 1030 or CHEM 1060		4	C		Prerequisite:	C in CHEM 1030 or CHEM 1060 and 0	THEM 24		C		
MATH 2210	Calculus III		4	С		CHEM 2230		IIEM 24	5	С		
	C in MATH 2205		4	C			Quantative Analysis		3	C		
Prerequisite:	USP: Human Culture	Н	3	D		Prerequisite:	CHEM 1030, CHEM 1060 or Equivaler	V	3	D		
7	Varies	п	3	D			USP: US & WY Const.	v	3	D		
Prerequisite:		PN	4	-			HCD. C	C2	3	C		
PHYS 1220	Engineering Physics II	PN	4	C			USP: Communications II C in Cl	CZ	3	C		
Prerequisite:	Concurrent in MATH 2210		15			Prerequisite:			1.5			
	Total		15		JUNIO	R YEAR	Total		15			
CHEM 4110			3	C	JUNIU		In annual of the aniatory I also		2	C		
CHEM 4110	Introductory Inorganic		3	C		CHEM 4100	Inorganic Chemistry Lab		2	C		
Prerequisite:	C in CHEM 2420 and Physical		5	С		Prerequisite:	C in CHEM 2440 and CHEM 4110 or c	oncurrent	3	C		
CHEM 4230	Inst. Methds of Chem Analysis Varies		3	C		CHEM 4930	Undergrad Research Chemistry major and instructor consent		3	C		
Prerequisite:	Upper Div CHEM Elec		2	C		Prerequisite: One of:	CHEM 4400/MOLB 3610/MOLB	1600	3	C		
D	Varies		2	C				4000	3	C		
Prerequisite:	Global or General Elective		3	D		Prerequisite:	Varies Diversity or General Elective		3	D		
D	Varies		3	D		n · · ·	Varies		3	D		
Prerequisite:			3	С		Prerequisite:	Program Supporting Course		3	C		
D	Program Supporting Course		3	C		D	Varies		3	C		
Prerequisite:	Varies Total		16			Prerequisite:	Total		14			
	Total		16		SENIO	R YEAR	Total		14			
CHEM 4000	Career Skills		3	С	ZIMNIC	CHEM 4508	Physical Chemistry II		3	С		
Prerequisite:	6 hours of CHEM classes		3			Prerequisite:	CHEM 4507)			
CHEM 4507	Physical Chemistry I		3	С		CHEM 4530	Physical Chemistry Lab II		1	С		
Prerequisite:	1 year gen. CHEM, multivariable CAL	C 1 voor					Chem 4508 or concurrent enrollment		1			
CHEM 4525	Physical Chemistry Lab I	c, i year	1 1113	С	 	Prerequisite:	General Elective		1	C		
Prerequisite:	CHEM 4507 or concurrent enrollment		1			Prerequisite:	Varies		1	·		
i ierequisite.	Program Supporting Course		3	С		rerequisite.	Upper Div Program Supporting	·	3	C		
Prerequisite:	Varies		3	C		Prorognisita.	Varies	,	J			
rierequisite.	USP: Communications III	C3	3	С		Prerequisite:	Upper Div Program Supporting	·	3	D		
Praraguiaita	C in C2	CJ	3	C		Praraquisita	Varies	,	J	D		
Prerequisite:	Program Supporting Course		3	С		Prerequisite:	Upper Div Elective		4	D		
Proroguicita:	Varies		3	C		Prerequisite:	Varies		4	D		
Prerequisite:	Total		16			i rerequisite.	Total		15			
i	iotai		10				Total		13			
r 11 - 1							Table Comme		400			
rall only or	spring only course						Total Program Credits:		<u>120</u>			

[•]Students must have a minimum cumulative GPA of 2.0 to graduate

2023-2024 Catalog Year

[•]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