

2026-2027 Bachelor of Science in Chemistry-Biochemistry

Semester-by-Semester Worksheet



Student Name:

Student ID:

Y E A R 1	Fall Courses		Cr	Notes	Spring Courses		Cr	Notes
	MATH 101 or 201		3-4	Pre-Calc or Calculus I	MATH 201 or 202		4	Calculus I or II
	CHEM 201 or CHEM 211		4	Gen Chem	CHEM 202 or 301		3-4	Gen Chem II or Org Chem I
	BIOL 220 & 222		4	Intro Cell/Molec Biol w/ Lab	CHEM 204		2	Gen Chem Lab
	WRIT101/101H		3		HMXF 102/102H		3	
	ACAD101/101H		1		CSCI 101 or 151 (Technology)		3	
					CHEM 491		0	Department Seminar
	Total:			15 -16 credits		Total:		
Y E A R 2	Fall Courses		Cr	Notes	Spring Courses		Cr	Notes
	CHEM 301 or CHEM 302 & 304		4	Organic I or II	CHEM 302 & 304			Org II w/ Lab or Constitution
	CHEM 330 & 332		4	Inorganic Chem w/ Lab	CHEM 312, 313, 314			Chemom Quan Analy w/ Lab
	PHYS 211 & 211L		4	Calc Based Physics I w/ Lab	CHEM 323			Intro Biochemistry
	MATH 202 or CRTW 201/201H		3-4	Calc II or CRTW 201/201H	PHYS 212 & 212L			Calc Based Physics II w/ Lab
	CHEM 492		0	Department Seminar	CHEM 493			Department Seminar
	Total:			15 -16 credits		Total:		
Y E A R 3	Fall Courses		Cr	Notes	Spring Courses		Cr	Notes
	BIOL 310 or 315 or 316 or 317		3-4		BIOL 310 or 315 or 316 or 317		3-4	
	CHEM 523 & 525		5	Biochemistry I w/ Lab	CHEM 524		3	Biochemistry II
	CHEM 305		1	Chem Hygiene & Safety	Foreign Language II		4	
	Foreign Language I		4		Social Science #1		3	
	Global Perspectives		3		Humanities & Arts #1		3	
	CHEM 494 Department Seminar		0	Department Seminar				
	Total:			16 -17 credits		Total:		
Y E A R 4	Fall Courses		Cr	Notes	Spring Courses		Cr	Notes
	BIOL 310 or 315 or 316 or 317		3-4		CHEM 408 & 410		4	Physical Chemistry II w/ Lab
	CHEM 407 & 409		4	Physical Chemistry I w/ Lab	CHEM 552/552H		3	Research II
	CHEM 551		3	Research I	CHEM 495		1	Senior Seminar
	Humanities & Arts #2		3		Historical Perspectives		3	
	Social Science #2		3		Physical Activity		1	
					General Education or Elective		0-4	if needed
	Total:			16 -17 credits		Total:		

Additional Notes:

CHEM 552 meets Oral Communication and Intensive Writing requirements. Constitution courses also meet Social Science (PLSC 201, ECON 103) or Historical Perspectives (HIST 211, 212) requirements. A minimum of 120 hours is required for graduation.