

2026-2027 Bachelor of Science in Chemistry-Health & Chemical Sciences

Semester-by-Semester Worksheet



Student Name:

Student ID:

		Fall Courses		Notes	Spring Courses		Notes
		Cr			Cr		
Y E A R 1	MATH 101	3		Pre-Calculus	MATH 201	4	Calculus I
	CHEM 201	4		General Chemistry I	CHEM 202 & 204	5	General Chemistry II w/ Lab
	BIOL 220 & 222	4		Intro Cell & Molec Bio w/ Lab	HMPX 102/102H	3	
	WRIT 101/101H	3			CSCI 101 or 151 (Technology)	3	
	ACAD 101/101H	1			CHEM 491	0	Department Seminar
	Total:		15 credits		Total:		15 credits
Y E A R 2	Fall Courses	Cr		Notes	Spring Courses	Cr	Notes
	CHEM 301	4		Organic Chemistry I	CHEM 302 & 304	4	Organic Chemistry II w/ Lab
	MATH 202	4		Calculus II	CHEM 312,313,314	5	Chemom & Quan Analy w/ Lab
	PHYS 211 & 211L or 201 & 201L	4		Physics I w/ Lab	PHYS 212 & 212L or 202 & 202L	4	Physics II w/ Lab
	CRTW 201/201H	3		or Constitution-Fndg Docs	CRTW 201/201H	3	or Constitution-Fndg Docs
	CHEM 492	0		Department Seminar			
	Total:		15 credits		Total:		16 credits
Y E A R 3	Fall Courses	Cr		Notes	Spring Courses	Cr	Notes
	CHEM 407 & 409	4		Physical Chemistry I w/ Lab	CHEM 408 & 410	4	Physical Chemistry II w/ Lab
	CHEM Elective >299	3			CHEM Elective >299	3	
	CHEM 305	1		or Physical Activity	Physical Activity	1	or CHEM 305
	Humanities & Arts #1	3-4		or Foreign Lang I	Humanities & Arts #2	3-4	or Foreign Lang II
	Social Science #1	3			Social Science #2	3	
	CHEM 493	0		Department Seminar	CHEM 494	0	Department Seminar
	Total:		14-15 credits		Total:		14-15 credits
Y E A R 4	Fall Courses	Cr		Notes	Spring Courses	Cr	Notes
	CHEM 551	3		or CHEM/Math/Sci Elec >299	CHEM 552	3	or CHEM/Math/Sci Elec >299
	CHEM/Math/Sci Elective >299	3			CHEM/Math/Sci Elective >299	3	
	Foreign Lang I	3-4		or Humanities & Arts #1	Foreign Lang II	3-4	or Humanities & Arts #2
	Historical Perspectives	3		or Global Perspectives	Global Perspectives	3	or Historical Perspectives
					CHEM 495	1	Senior Seminar
	Total:		12-13 credits		Total:		13-14 credits

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.