

BS-CHEMISTRY  
2018-2019

Year 1	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	CHEM 1311 & CHEM 1111 General Chemistry I & Lab I	4	CHEM 1312 & CHEM 1112 General Chemistry II & Lab II	4		
	HIST 1301 or POLS 2305 US History I or Federal Government	3	HIST 1302 or POLS 2306 US History II or Texas Government	3		
	MATH 2413 Calculus I	4	MATH 2414 Calculus II	4		
	WRIT 1301 Composition I	3	WRIT 1302 Composition II	3		
	PSYC 1100 Learning Frameworks	1				
	Semester Hours	15	14	0	29	
Year 2	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	CHEM 2301 & CHEM 2101 Analytical Chemistry I & Lab	4	CHEM 2302 + CHEM 2102 Analytical Chemistry II + Lab	4		
	HIST 1301 or POLS 2305 US History I or Federal Government	3	CORE Creative Arts	3		
	CORE Social & Behavioral Science	3	HIST 1302 or POLS 2306 US History II or Texas Government	3		
	PHYS 2325 & PHYS 2125 University Physics I & Lab I	4	PHYS 2326 & PHYS 2126 University Physics II & Lab I	4		
	Semester Hours	14	14	0	28	

Year 3	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	CHEM 2323 & CHEM 2123 Organic Chemistry I & Lab	4	CHEM 2325 & CHEM 2125 Organic Chemistry II & Lab	4		
	CHEM 4310 Advanced Chemical Calculations	3	CHEM 4322 + CHEM 4222 Physical Chemistry II + Lab	5		
	CHEM 4365 Introduction to Polymer Chemistry	3	CORE Language, Philosophy & Culture	3		
	CHEM 4321 Physical Chemistry I	3	3000-4000 level Approved CHEM elective *	3		
	WRIT 3315 Technical Writing	3				
	Semester Hours	16	15	0	31	
Year 4	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	CHEM 4335 & CHEM 4235 Inorganic Chemistry & Lab	5	CHEM 4367 Instrumental Analysis	2		
	CHEM 4368 Advanced Organic Chemistry	3	CHEM 4371 Advanced Spectroscopic Analysis	3		
	CHEM 4341 Biochemistry I	3	CHEM 4372 Chemistry Seminar	3		
	3000-4000 level Approved CHEM elective *	3	CHEM 4373 Quantitative Chemical Analysis	3		
	COMM 1315 Public Speaking	3	CHEM 4379 Undergraduate Research	3		
	Semester Hours	17	15	0	32	
	Total Plan Hours				120	

\* Choose from CHEM 3303, 3333, 4189, 4251, 4312, 4315, 4342, 4355, 4363, 4376, 4389, 4391 or other course approved by faculty advisor

- State of Texas Core Curriculum Course. Please refer to the 2016-2017 UHCL Undergraduate Catalog ([www.uhcl.edu/catalog](http://www.uhcl.edu/catalog)) for approved options.
- This document is only intended as a guide. Please see an academic advisor for assistance with academic planning.

