

BACHELOR OF SCIENCE- BIOLOGY
Physiology/Pre-Health Specialization
2019-2020

Year 1	Semester 1 Fall	Semester 2 Spring	Summer	Total
	BIOL 1306 & BIOL 1106 Biology for Science Majors I & Lab I	BIOL 1307 & BIOL 1107 Biology for Science Majors II & Lab II		
	CHEM 1311 & CHEM 1111 General Chemistry I & Lab I	CHEM 1312 & CHEM 1112 General Chemistry II & Lab II		
	HIST 1301 or POLS 2305	MATH 2413 Calculus I		
	WRIT 1301 Composition I	WRIT 1302 Composition II		
	PSYC 1100 Learning Frameworks			
	Semester Hours			
	4	4	0	30
	3	4		
	3	4		
	3	3		
	1			
	15	15	0	30
Year 2	Semester 1 Fall	Semester 2 Spring	Summer	Total
	CHEM 2323 & 2123 Organic Chemistry I & Lab I	BIOL 2321 & BIOL 2121 Microbiology for Science Majors & Lab		
	HIST 1301 or POLS 2305 US History I or Federal Government	CHEM 2325 & CHEM 2125 Organic Chem II & Lab II		
	COMM 1315 Public Speaking	HIST 1302 or POLS 2306 US History II or Texas Government		
	PHYS 1301 & PHYS 1101	PHYS 1302 & PHYS 1102		
	Semester Hours			
	4	4	0	29
	3	4		
	3	3		
	4	4		
	14	15	0	29

Year 3	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	BIOL 4341 & BIOL 4242 Biochemistry I & Lab	5	BIOL 3373 & BIOL 3173 Human Anatomy & Lab	4		
	BIOL 3341 & BIOL 3141 Molecular Genetics & Lab	4	BIOL 4342 Biochemistry II	3		
	CORE Creative Arts	3	HIST 1302 or POLS 2306 US History II or Texas Government	3		
	WRIT 3315 Technical Writing	3	STAT 3308 Computational Statistics	3		
			3000-4000 level Approved Major Elective#	3		
	Semester Hours	15		16	0	31
Year 4	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	BIOL 4278 Biology Seminar	2	BIOL 4311 Ecology	2		
	BIOL 4345 & BIOL 4241 Human Physiology & Lab	5	BIOL 4346, 4347 or 4351 Specialization Requirement	3		
	CORE Language, Philosophy & Culture	3	BIOL 4361 Immunology	3		
	3000-4000 level Approved Major Elective #	3	CORE Social Behavioral Sciences	3		
	3000-4000 level Approved Major Elective #	3	3000-4000 level Approved Major Elective #	2		
	Semester Hours	15		15	0	30
	Total Plan Hours					120

Choose from BIOL 3335, 4189, 4253, 4289, 4325, 4332, 4348, 4371, 4389, 4391; or HLTH 33xx.

- State of Texas Core Curriculum Course. Please refer to the 2016-2017 UHCL Undergraduate Catalog (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.