

**BS-BIOLOGY**Physiology/Pre-Health Specialization  
2018-2019

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 US History I or Federal Government	HIST 1302 or POLS 2306 US History II or Texas Government		
	WRIT 1301 Composition I	WRIT 1302 Composition II		
	PSYC 1100 Learning Frameworks			
	Semester Hours			
	4	4	0	29
	3	4		
	3	3		
	3	3		
	1			
	15	14	0	29
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		
	MATH 2413 Calculus I	HIST 1302 or POLS 2306 US History II or Texas Government		
	PHYS 1301 & PHYS 1101 College Physics I & Lab I	PHYS 1302 & PHYS 1102 College Physics II & Lab II		
	Semester Hours			
	15	15	0	30

<b>Year 3</b>	<b>Semester 1 Fall</b>	<b>Semester 2 Spring</b>	<b>Summer</b>	<b>Total</b>		
	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	COMM 1315 Public Speaking	3		
	WRIT 3315 Technical Writing	3	STAT 3308 Computational Statistics	3		
			3000-4000 level Approved Major Elective #	3		
	<b>Semester Hours</b>	<b>15</b>		<b>16</b>	<b>0</b>	<b>31</b>
<b>Year 4</b>	<b>Semester 1 Fall</b>	<b>Semester 2 Spring</b>	<b>Summer</b>	<b>Total</b>		
	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		
	<b>Semester Hours</b>	<b>15</b>		<b>15</b>	<b>0</b>	<b>30</b>
	<b>Total Plan Hours</b>					<b>120</b>

# Choose from BIOL 3335, 4189, 4253, 4289, 4325, 4332, 4348, 4371, 4389, 4391, x2xx, x3xx; HLTH x3xx or other class as 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.

