

BS-ENVIRONMENTAL SCIENCEBiology Specialization
2018-2019

Year 1	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	BIOL 1306 & BIOL 1106 Biology for Science Majors I & Lab I	4	BIOL 1307 & BIOL 1107 Biology for Science Majors II & Lab II	4		
	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		
	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		
	HIST 1301 or POLS 2305 US History I or Federal Government	3	HIST 1302 or POLS 2306 US History II or Texas Government	3		
	PHYS 1301 & PHYS 1101 College Physics I & Lab I	4	PHYS 1302 & PHYS 1102 College Physics II & Lab II	4		
	MATH 2413 Calculus I	4	CORE Creative Arts	3		
	CHEM 2323 & CHEM 2123 Organic Chemistry I & Lab	4	CORE Social & Behavioral Science	3		
			COMM 1315 Public Speaking	3		
	Semester Hours	15		16	0	31

Year 3	Semester 1 Fall	Semester 2 Spring	Summer	Total
	CORE Language, Philosophy and Culture 3	BIOL 4344 or BIOL 4343 Comparative Animal Physiology (summer only) or Plant Physiology 3		
	STAT 3308 Computational Statistics 3	CHEM 4355 Environmental Sampling & Monitoring 3		
	BIOL 3333 Environmental Biology 3	WRIT 3315 Technical Writing 3		
	CHEM 3333 Environmental Chemistry 3	INDH 3333 Environmental Safety & Health 3		
	GEOG 3333 Environmental Geology 3	CHEM 4251 Laboratory for Environmental Analysis 2		
	Semester Hours 15	14	0	29
Year 4	Semester 1 Fall	Semester 2 Spring	Summer	Total
	BIOL 4323 Field Biology 3	BIOL 4325 Environmental Toxicology 3		
	BIOL 4334 Environmental Microbiology 3	BIOL 4391 or BIOL 4315 Independent Study or Biology Practicum 3		
	One of BIOL 2428, 3311, 4305, 4313/4113, 4327 Selected Biology course 3-4	3000-4000 level Specialization Elective * 3		
	3000-4000 level Specialization Elective * 3	3000-4000 level Specialization Elective * 3-4		
	3000-4000 level Specialization Elective * 3	BIOL 4311 Ecology 3		
	Semester Hours 15-16	15-16	0	30-32
	Total Plan Hours			120

* Specialization electives are science or related classes selected with approval of faculty advisor

- 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.

