

BS-ENVIRONMENTAL SCIENCE

Safety Specialization

2018-2019

Year 1	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	BIOL 2301 & BIOL 2101 Human Anatomy & Physiology I & Lab	4	BIOL 2302 & BIOL 2102 Human Anatomy & Physiology II & Lab	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		
	CORE Social & Behavioral Science	3	CORE Language, Philosophy and Culture	3		
			COMM 1315 Public Speaking	3		
Semester Hours	14	16	0	30		

Year 3	Semester 1 Fall	Semester 2 Spring	Summer	Total
	CHEM 2323 & CHEM 2123 Organic Chemistry I & Lab 4	INDH 3333 Environmental Safety & Health 3		
	INDH 3332 Principles of Professional Safety 3	3000-4000 level Specialization Elective* 3		
	BIOL 3333 Environmental Biology 3	STAT 3308 Computational Statistics 3		
	CHEM 3333 Environmental Chemistry 3	INDH 4322 Industrial Hygiene Sampling & Analysis 3		
	GEOL 3333 Environmental Geology 3	INDH 4321 Ergonomics, Human Factors & Workspace Design 3		
	Semester Hours 16	15	0	31
Year 4	Semester 1 Fall	Semester 2 Spring	Summer	Total
	INDH 3311 Industrial Health & Hygiene 3	INDH 4341 Advanced Studies 3		
	INDH 4333 Construction & General Industry Safety 3	INDH 3340 Techniques of Safety Engineering & Analysis 3		
	INDH 4316 System Safety & Accident Investigation 3	WRIT 3315 Technical Writing 3		
	INDH 4324 Fire Safety Engineering 3	3000-4000 level Specialization Elective* 3		
	INDH 4323 Hazardous Materials & Emergency Management 3	3000-4000 level Specialization Elective* 3		
	Semester Hours 15	15	0	30
	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.

