

BACHELOR OF SCIENCE- OCCUPATIONAL SAFETY & HEALTH
SAFETY SPECIALIZATION
2019-2020

Year 1	Semester 1 Fall 2019	Semester 2 Spring 2020	Summer 2020	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		
	PSYC 1100 Learning Frameworks Learning Frameworks 1	MATH 2413 Calculus I 4		
	HIST 1301 or POLS 2305 US History I or Federal Government 3	WRIT 1302 Composition II 3		
	WRIT 1301 Composition I 3			
	Semester Hours 15	15	0	30
Year 2	Semester 1 Fall 2020	Semester 2 Spring 2021	Summer 2021	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	3000-4000 level Specialization Elective* 3 (Recommend OSHE 4315)	
	PHYS 1301 & PHYS 1101 College Physics I & Lab I 4	PHYS 1302 & PHYS 1102 College Physics II & Lab II 4		
	CHEM 2323 & CHEM 2123 Organic Chemistry I & Lab 4	Creative Arts 3		
	CORE Social & Behavioral Science 3	CORE Language, Philosophy and Culture 3		
		COMM 1315 Public Speaking 3		
	Semester Hours 14	16	3	33

Year 3	Semester 1 Fall 2021	Semester 2 Spring 2022	Summer 2022	Total			
	HIST 1302 or POLS 2306 US History II or Texas Government	3	OSHE 4316 System Safety & Accident Investigation	3	OSHE 4331 Air Pollution Science	3	
	OSHE 4321 Ergonomics, HF & Workspace Design	3	OSHE 4323 Hazardous Materials & Emergency Response	3			
	STAT 3308 Computational Statistics	3	OSHE 4336 Environmental Safety & Health	3			
	3000-4000 level Specialization Elective* (Recommended OSHE 4413 Ventilation)	4	3000-4000 level Specialization Elective* (BIOL/ENSC 4325 or OSHE 4335)	3			
			WRIT 3315 Technical Writing	3			
	Semester Hours	13		15		3	31
Year 4	Semester 1 Fall 2022	Semester 2 Spring 2023	Summer 2023	Total			
	OSHE 3311 Industrial Health & Hygiene	3	OSHE 3340 Safety Engineering & Analysis Techniques	3			
	OSHE 3332 Principles of Safety	3	OSHE 4324 Fire Safety Engineering	3			
	OSHE 4341 Advanced Studies (Internship or Co-op)	3	OSHE 4333 Construction and General Industry Safety	3			
	3000-4000 level Specialization Elective* (Recommended OSHE 4411 Noise)	4	OSHE 4422 Industrial Hygiene Sampling & Analysis	4			
	Semester Hours	13		13			26
	Total Plan Hours						120

* Choose from: OSHE 4315, 4334, 4335, 4411, 4413, BIOL/ENSC 4325 or ENVR 4315; **Note: dual IH and Safety concentrations take OSHE 4315, 4411, 4413 and BIOL/ENSC 4325**

- State of Texas Core Curriculum Course. Please refer to the 2019-2020 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.