

Safety Management, BAAS (120 hours)

This is a recommended course sequence based on the UHD 2024-25 Undergraduate Catalog for a degree in Safety Management which equips students to apply modern technologies to assure the safe operation of current enterprises. Courses with asterisks (*) indicate Common Core courses.

First Year							
Semester 1		Hours	Grade	Semester 2		Hours	Grade
ENG 1301* (Composition I) <i>P: A TSIA2 score meeting college readiness in Reading and Writing, or TSIA2 Reading and Writing complete, or TSIA2 Reading and Writing exempt</i>		3		ENG 1302* (Composition II) <i>P: A grade of C or better in ENG 1301 or placement by examination.</i>		3	
MATH 1301* (College Algebra) <i>P: A grade of C or better in MATH 1300, or TSIA2 score meeting college readiness in Mathematics, or TSIA2 MATH complete, or TSIA2 MATH exempt.</i>		3		POLS 2305* (Federal Government) (Summer Option) <i>P: Enrollment in or completion of ENG 1301 or 010 core complete.</i>		3	
Life and Physical Science*		3		Life and Physical Science*		3	
UHD First-year Seminar* <i>Refer to catalog for approved options</i>		3		Approved Language, Philosophy, and Culture course* (Summer Option) <i>P: Refer to catalog for approved options</i>		3	
Approved Social & Behavioral Sciences Course* (Summer Option) <i>Refer to catalog for approved options</i>		3		Approved Oral Communication course* <i>P: Refer to catalog for approved options</i>		3	
Total Hours		15		Total Hours		15	
Second Year							
Semester 1		Hours	Grade	Semester 2		Hours	Grade
Approved Creative Arts course* (Summer Option) <i>Refer to catalog for approved options</i>		3		ENGR 3352 (Emerg. Management & Contingency Planning) <i>P: ENG 1302 and MATH 1301</i>		3	
ENGR 3380 (Occupational Safety Tech) <i>P: ENG 1302 and MATH 1301</i>		3		Approved American History Course* <i>Refer to catalog for approved options</i>		3	
Lower Level Safety Elective <i>Refer to catalog for approved options</i>		3		Lower Level Safety Elective <i>Refer to catalog for approved options</i>		3	
POLS 2306* (Texas Government) (Summer Option) <i>P: Enrollment in or completion of ENG 1301 or 010 complete.</i>		3		Lower Level Safety Elective <i>Refer to catalog for approved options</i>		3	
Approved American History Course* <i>Refer to catalog for approved options</i>		3		Total Hours		15	
Total Hours		15		Total Hours		15	
Summer							
ENGR 3351 (Accident Investigation and Root Cause Analysis) <i>P: Core complete</i>				3			

Third Year

Semester 1	Hours	Grade	Semester 2	Hours	Grade
ENGR 3350 (Construction Safety) <i>P: Core complete</i>	3		ENGR 4355 (Industrial Safety) <i>P: Core complete and Junior Standing</i>	3	
ENGR 3375 (Radiation Safety) <i>P: Core complete</i>	3		ENGR 4370 (Fire and Safety) <i>P: Core complete and junior standing</i>	3	
TCOM 3302 (Technical Writing) <i>P: 010 core complete and 040 core complete</i>	3		Lower Level Safety Elective <i>Refer to catalog for approved options</i>	3	
Lower Level Safety Elective <i>Refer to catalog for approved options</i>	3		Upper Level Safety Elective <i>Refer to catalog for approved options</i>	3	
			ENGR 3346 (Offshore Fire Safety) <i>P: Core complete</i>	3	
Total Hours	12		Total Hours	15	

Summer

ENGR 3365 (Fire Protection for Power Plants) <i>P: Core complete</i>	3
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Fourth Year

Semester 1	Hours	Grade	Semester 2	Hours	Grade
ENGR 4310 (Industrial Hygiene & Instrumentation) <i>P: Core complete and junior standing</i>	3		ENGR 4385 (Scheme Management in Industrial Safety) <i>P: Core complete and credit/enrollment in ENGR 4355</i>	3	
ENGR 4350 (Industrial Loss Prevention) <i>P: Core complete, ENGR 3380 and junior standing</i>	3		ENGR 4381 (Safety and Violence) <i>P: Core complete and credit or enrollment in ENGR 4355</i>	3	
ENGR 4330 (Systems Safety Management) <i>P: Core complete, ENGR 3380 and junior standing</i>	3		ENGR 4323 (Engineering Seminar) <i>P: Senior standing and department approval</i>	3	
Upper Level Safety Elective <i>Refer to catalog for approved options</i>	3		Upper Level Safety Elective <i>Refer to catalog for approved options</i>	3	
Upper Level Safety Elective <i>Refer to catalog for approved options</i>	3				
Total Hours	15		Total Hours	12	

15 to Finish

Fall: 15 hours • Spring: 15 hours

30 in 3

Fall: 12 hours • Spring: 12 hours • Summer: 6 hours