

Bachelor of Applied Arts and Sciences – Safety Management Major (Four Year Plan)

YEAR 1

Semester 1		Semester 2	
Course Number	Credit Hours	Course Number	Credit Hours
*ENG 1301 (Composition I)# P: One of the following: (1) TSI ESSAY score of 4 and WRITING score of 340, (2) TSI ESSAY score of 5 and ABE WRITING diagnostic level 4, (3) TSI WRITING complete, OR (4) TSI WRITING exempt	3	ENG 1302 (Composition II) P: A grade of C or better in ENG 1301 or placement by examination	3
*MATH 1301 (College Algebra)# P: A grade of C or better in MATH 1300, TSI MATH score of 350, TSI MATH complete, or TSI MATH exempt	3	POLS 2305 (Federal Government) P: Enrollment in or completion of ENG 1301 or 010 core complete	3
Approved Life and Physical Sciences course (p. 60) P: Refer to catalog	3	Approved Life and Physical Sciences course (p. 60) P: Refer to catalog	3
UHD 1303 (Freshman Seminar - Engineering) Transfer students see advisor for options	3	Approved Language, Philosophy, and Culture course (p. 60) P: Refer to catalog	3
Approved Social and Behavioral Sciences course (p. 60) P: Refer to catalog	3	Approved Oral Communication course (p. 60) P: Refer to catalog	3
Total Semester Hours	15	Total Semester Hours	15

YEAR 2

Semester 3		Semester 4	
Course Number	Credit Hours	Course Number	Credit Hours
*ENGR 3380 (Occupational Safety Techniques) P: ENG 1302 and MATH 1301	3	ENGR 3352 (Emerg. Management & Contingency Planning) P: ENG 1302 and MATH 1301	3
Approved Lower Division SAFE elective See catalog for options	3	Approved Lower Division SAFE elective See catalog for options	3
Approved Creative Arts course (p. 60) P: Refer to catalog	3	Approved Lower Division SAFE elective See catalog for options	3
POLS 2306 (Texas Government) P: Enrollment in or completion of ENG 1301 or 010 core complete	3	Approved Lower Division SAFE elective See catalog for options	3
Approved Am. Hist. course (p. 60) P: Enrollment in or completion of ENG 1301 or 010 core complete	3	Approved American History course (p. 60) P: Enrollment in or completion of ENG 1301 or 010 core complete	3
Total Semester Hours	15	Total Semester Hours	15

YEAR 2- cont'd

Summer	
Course Number	Credit Hours
ENGR 3351 (Accident Investigation & Root Cause Analysis) P: Core complete	3
Total Semester Hours	3

YEAR 3

Semester 5		Semester 6	
Course Number	Credit Hours	Course Number	Credit Hours
ENGR 3350 (Construction Safety) P: Core complete	3	*ENGR 4355 (Industrial Safety) P: Core complete, ENGR 3380, and junior standing	3
ENGR 3375 (Radiation Safety) P: Core complete	3	ENGR 4370 (Human Factors in Fire and Safety) P: Core complete and junior standing	3
Approved Lower Division SAFE elective See catalog for options	3	Approved Lower Division SAFE elective See catalog for options	3
TCOM 3303 (Business & Technical Report Writing) P: Completion of core 10 and 40	3	Approved Upper Division SAFE elective See catalog for options	3
		ENGR 3346 (Offshore Fire Safety and Inspection) P: Core complete	3
Total Semester Hours	12	Total Semester Hours	15

YEAR 3-cont'd

Summer	
Course Number	Credit Hours
ENGR 3365 (Fire Protection for Power Plants) P: Core complete	3
Total Semester Hours	3

YEAR 4

Semester 7		Semester 8	
Course Number	Credit Hours	Course Number	Credit Hours
ENGR 4310 (Industrial Hygiene Instrumentation) P: Core complete and junior standing	3	ENGR 4323 (Engineering Seminar) P: Senior standing and departmental approval	3
ENGR 4350 (Industrial Loss Prevention) P: Core complete, ENGR 3380, and junior standing	3	ENGR 4381 (Safety and Violence) P: Core complete and credit or enrollment in ENGR 4355	3
ENGR 4330 (Systems Safety Management) P: Core complete, ENGR 3380, and junior standing	3	ENGR 4385 (Scheme Management in Industrial Safety) P: Core complete and credit or enrollment in ENGR 4355	3
Approved Upper Division SAFE elective See catalog for options	3	Approved Upper Division SAFE elective See catalog for options	3
Approved Upper Division SAFE elective See catalog for options	3		
Total Semester Hours	15	Total Semester Hours	12

Total Credit Hours Required 120

* Critical course required to stay on track within major and take subsequent courses

Students are expected to place into ENG 1301 and MATH 1301 via CLEP or Bypass exams – placement tests determine which english or math course students should start with and additional courses may be necessary

