

B.S. in Aerospace and Occupational Safety

Suggested Plan of Study

Students should be aware that several courses in each academic year may have prerequisites and/or co-requisites. Please check the course descriptions at the back of this catalog before registering for classes to ensure requisite sequencing.

Year One

		Credits
UNIV 101	College Success	1
COM 122	English Composition	3
	HU 14XX Lower Level Humanities	3
BA 201	Principles of Management	3
MA 111	Pre-Calculus for Aviation	3
MA 112	Applied Calculus for Aviation	3
PS 113	Introductory Physics I	3
CHM 101L	Basic Chemistry Laboratory	1
or BIO 120L	Foundations of Biology I Laboratory	
or PS 113L	Introductory Physics I Laboratory	
or PS 117L	Introductory Physics II Lab	
PSY 101	Introduction to Psychology	3
SF 201	Introduction to Safety and Health	3
SF 205	Principles of Accident Investigation	3
SF 210	Introduction to Aerospace Safety	3
Credits Subtotal		32.0

Year Two

AS 120	Principles of Aeronautical Science	3
or BA 317	Organizational Behavior	
or BA 324	Aviation Labor Relations	
or HF 325	Human Factors and System Safety	
or HSI 215	Introduction to Industrial Security	
COM 219	Speech	3
COM 221	Technical Report Writing	3
EC 200	An Economic Survey	3
CHM 101	Basic Chemistry	3
or BIO 120	Foundations of Biology I	
or PS 117	Introductory Physics II	
MA 222	Business Statistics	3
SF 315	Environmental Compliance and Safety	3
SF 320	Human Factors in Aviation Safety	3
SF 345	Safety Program Management	3
SF 330	Aircraft Accident Investigation	3
Credits Subtotal		30.0

Year Three

	HU/SS Upper Level Elective	3
SF 316	Loss Control and Risk Management	3
CS 120	Introduction to Computing in Aviation	3
SF 355	Industrial Hygiene and Toxicology	3
SF 365	Fire Protection	3
SF 410	Industrial Safety and Health	3
	Aerospace and Occupational Safety Elective	6
	Open Electives	6
Credits Subtotal		30.0

Year Four

SF 455	Aviation Safety Analytics	3
--------	---------------------------	---

SF 420	Analysis of Observational Data	3
SF 445	System Safety in Aviation	3
SF 462	Health, Safety, and Aviation Law	3
SF 470	Applications of Safety Management Capstone	3
	Aerospace and Occupational Safety Elective	9
	Open Electives	6
Credits Subtotal		30.0
Credits Total:		122.0