

B.S. in Aviation Safety

Plan of Study (BSAVS)

Year One

Term 1		Credits
	Communication Theory and Skills above ENGL 106	3
	College Algebra or Higher Math Series	3
	Credits Subtotal	6.0
Term 2		
	Communication Theory and Skills above ENGL 106	3
	College Algebra or Higher Math Series	3
	Credits Subtotal	6.0
Term 3		
	Humanities LL	3
	Physical Science/Physics	3
	Credits Subtotal	6.0
Term 4		
	Social Science	3
	Computer Science	3
	Credits Subtotal	6.0
Term 5		
	Communication Theory and Skills above ENGL 106	3
	Social Science	3
	Credits Subtotal	6.0
	Credits Total:	30.0

Year Two

Term 1		Credits
ASCI 202	Introduction to Aeronautical Science	3
	Physical Science/Physics	3
	Credits Subtotal	6.0
Term 2		
BSAS 210	Introduction to Aerospace Safety	3
WEAX 301	Aviation Weather	3
	Credits Subtotal	6.0
Term 3		
ASCI 301	Introduction to Air Traffic Control	3
	Humanities Upper-Level (HUMN)	3
	Credits Subtotal	6.0
Term 4		
SFTY 311	Fundamentals of Occupational Safety and Health	3
SFTY 321	Ergonomics	3
	Credits Subtotal	6.0
Term 5		
BSAS 320	Human Factors in Aviation Safety	3
BSAS 330	Aircraft Accident Investigation	3
	Credits Subtotal	6.0
	Credits Total:	30.0

Year Three

Term 1		Credits
BSAS 335	Mechanical and Structural Factors in Aviation Safety	3
BSAS 345	Aviation Safety Program Management	3
	Credits Subtotal	6.0
Term 2		
BSAS 350	Aircraft Crash and Emergency Management	3
BSAS 409	Aviation Safety	3
	Credits Subtotal	6.0
Term 3		
SFTY 440	System Safety Management	3
AMNT 424	Maintenance Repair and Overhaul in Aviation	3
	Credits Subtotal	6.0
Term 4		
UNSY 315	Uncrewed Aircraft Systems and Operations	3
ASCI 426	Airport Management in ATM	3
	Credits Subtotal	6.0
Term 5		
ASCI 254	Aviation Legislation	3
UNSY 431	Uncrewed Systems Human Factors Considerations	3
	Credits Subtotal	6.0
	Credits Total:	30.0

Year Four

Term 1		Credits
STAT 211	Statistics with Aviation Applications	3
COMD 460	Crisis Communication	3
	Credits Subtotal	6.0
Term 2		
CSCI 123	Introduction to Computing for Data Analysis	3
CSCI 251	Introduction to Programming for Data Science	3
	Credits Subtotal	6.0
Term 3		
DSCI 201	Introduction to Data Science Applications	3
DSCI 310	Data Storytelling	3
	Credits Subtotal	6.0
Term 4		
MMIS 221	Introduction to Management Information Systems	3
MGMT 201	Principles of Management	3
	Credits Subtotal	6.0
Term 5		
HUMN 430	Ethics in Aviation	3
ASCI 491	Operational Applications in Aeronautics	3
	Credits Subtotal	6.0
	Credits Total:	30.0
Total Degree Requirements		120