



Bachelor of Science
Aeronautical Science
with a Concentration in Air Traffic Control



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The mission of Florida Memorial University's Aviation & Safety department is to empower students to significantly increase their performance capability to achieve worthwhile purposes in the aviation industry through education.

- Bachelor of Science in Aeronautical Science – Concentration in Flight Education
- Bachelor of Science in Aeronautical Science – Concentration in Air Traffic Control
- Bachelor of Science in Aviation Management
- Minor in Aviation Safety
- Minor in Homeland Security

CAREER OPPORTUNITIES

Air Traffic Controller and Operations Manager

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
COM	103	Intro to Public Speaking	3
CSC	101	Intro to Computers	3
AWS	200	Aviation History	3
FMU	101	University 101	2
ENG	101	College Writing I	3
	XXX	Scientific Inquiry	3
TOTAL - 1st SEMESTER			17
AWS	102	Critical Thinking In Aviation	2
	200	Humanities / Fine Arts	3
MAT	111	College Algebra	3
HIS	103	African Diaspora and the World	3
REA	101	Critical Thinking & Reading	3
TOTAL - 2nd SEMESTER			14

JUNIOR			
Prefix	Course No.	Course	Credits
AWS	305	VFR Tower Operations	3
BUS	361	Leadership Application	3
AWS	418	Crew Resource Management	3
ENG	309	Advanced Grammar & Composition	3
XXX	XXX	Any Elective	3
TOTAL - 5th SEMESTER			15
AWS	315	ATC Radar Procedures	3
AWS	320	Air Transportation	3
AWS	351	Aviation Legislation	3
AWS	410	Advance Terminal Ops	3
AWS	XXX	Aviation Elective	3
TOTAL - 6th SEMESTER			15

SOPHOMORE			
Prefix	Course No.	Course	Credits
AWS	201	Intro to Aeronautics	3
MAT	111	College Algebra	3
	201	Language Requirement I	3
AWS	232	Air Traffic Control	3
REL	201	Intro to Philosophy	3
TOTAL - 3rd SEMESTER			15
	200	Social / Behavioral Science	3
	202	Language Requirement II	3
AWS	240	Aviation Weather	3
AWS	316	Terminal Operations	3
REL	XXX	Religion & Philosophical Inquiry	3
TOTAL - 4th SEMESTER			15

JUNIOR			
Prefix	Course No.	Course	Credits
AWS	412	Enroute Operations	3
AWS	420	Flight Safety	3
XXX	XXX	Any Elective	3
XXX	XXX	Any Elective	3
AWS	XXX	Aviation Elective	3
TOTAL - 7th SEMESTER			15
AWS	450	Senior Project	3
AWS	XXX	Aviation Elective	3
AWS	XXX	Aviation Elective	3
XXX	XXX	Any Elective	3
XXX	XXX	Any Elective	3
TOTAL - 8th SEMESTER			15