

AVIATION: AIR TRAFFIC MANAGEMENT TRACK, BACHELOR OF SCIENCE

2019 CHANGES PENDING APPROVAL

This page does not reflect changes currently under review for the 2019-20 catalog year.

Major Requirements

Aviation majors must earn a minimum grade of C in aviation courses to be considered passing and move to the next requirement.

Upper-Division Requirements

Code	Title	Credit Hours
Aviation Requirements		
AVIA 3013	Career Development for Aviation Professionals	3
AVIA 3213	Airport Traffic Procedures	3
AVIA 3313	IFR Air Traffic Procedures ¹	3
AVIA 4004	Air Traffic Control Tower Simulation ¹	4
AVIA 4013	En-Route Radar Lab ¹	3
AVIA 4023	Tracon Radar Lab ¹	3
AVIA 4423	Crew Resource Management	3
AVIA 4663	Survey of Aerospace Ethical Issues	3
AVIA 4713	Senior Capstone	3
Business Requirements		
FIN 3303	Business Finance	3
L S 3323	Legal Environment of Business	3
MGT 3013	Principles of Organization and Management	3
MKT 3013	Principles of Marketing	3
Upper-Division Electives		
	Choose three hours upper-division electives. May include 3000-4000-level course. May include specialized aviation courses.	3
Total Credit Hours		43

¹A lab simulation fee is required.

Additional Requirements

- Maintaining less than a 2.25 GPA, or failure to complete the required math sequence each semester will result in academic probation.
- The maximum number of aviation hours accepted by transfer is twelve.
- A maximum of nine hours of aviation may be accomplished through advanced standing.
- A total of 40 hours of OU coursework must be completed to receive a baccalaureate degree.
- A maximum of 32 hours of correspondence courses will be accepted.
- A total of 55 hours of liberal arts coursework is required.

- To receive the general business minor a 2.50 OU retention, overall retention, and upper-division business GPA is required.

General Education and Lower-Division Requirements

Code	Title	Credit Hours
Communications		
ENGL 1113	Principles of English Composition	3
ENGL 1213	Principles of English Composition	3
or EXPO 1213	Expository Writing	
COMM 1113	Principles of Communication	3
or COMM 2613	Public Speaking	
Foreign Language (Core I) ¹		0-10
Social Science		
P SC 1113	American Federal Government (Core III)	3
Humanities		
HIST 1483	United States, 1492 to 1865 (Core IV)	3
or HIST 1493	United States, 1865 to the Present	
One course from one of the following 3 fields (Core IV) must be upper-division:		
Choose one Understanding Artistic Forms course ²		3
Choose one Western Civilization and Culture course ²		3
Choose one Non-Western Culture course ²		3
Science & Mathematics		
Choose one of the following:		
PHYS 1114	General Physics for Non-Science Majors (Core II)	
Any approved Chemistry, Physics, or Zoology course		
METR 1014	Introduction to Weather and Climate (Core II)	4
METR 2603	Severe and Unusual Weather	3
MATH 1643	Functions and Modeling for Business, Life and Social Sciences	3
MATH 1743	Calculus I for Business, Life and Social Sciences ³	3
Basic Aviation (13 hours)		
AVIA 1013	Introduction to Air Traffic Control	3
AVIA 1111	Aviation Orientation	1
AVIA 1213	Basic Air Traffic Control Regulations	3
AVIA 2013	General Air Traffic Control Procedures	3
AVIA 2613	Aviation Safety	3
Basic Business (18 hours)		
ACCT 2113	Fundamental Financial Accounting	3
ACCT 2123	Fundamental Managerial Accounting	3
ECON 1113	Principles of Economics-Macro (Core III)	3
ECON 1123	Principles of Economics-Micro	3
ECON 2843	Elements of Statistics	3
or PSY 2003	Understanding Statistics	
MIS 2113	Computer-Based Information Systems	3
Total Credit Hours		68-78

¹Students who have completed two years of high school foreign language are exempt from the general education foreign language requirement.

²Courses taken to fulfill the University General Education Requirements must be chosen from the University-Wide General Education Approved Course List.

³Core I—Substitute: MATH 1823, Calculus & Analytic Geom. I

Free Electives

Eleven hours if exempt from foreign language; one hour if foreign language must be taken. **Free electives may include any specialized aviation courses.** A combined maximum of five hours of physical education activity courses may be used to meet degree requirements.

Specialized Aviation Electives

Students are not required to complete specialized aviation electives, but may choose to do so for additional training: AVIA 3333 and AVIA 4803.

Suggested Semester Plan of Study

Course	Title	Credit Hours
Freshman		
First Semester		
ENGL 1113	Principles of English Composition (Core I)	3
MATH 1643	Functions and Modeling for Business, Life and Social Sciences	3
ECON 1113	Principles of Economics-Macro (Core III)	3
AVIA 1013	Introduction to Air Traffic Control ¹	3
AVIA 1111	Aviation Orientation	1
HIST 1483 or HIST 1493	United States, 1492 to 1865 (Core IV) or United States, 1865 to the Present	3
Credit Hours		16
Second Semester		
ENGL 1213 or EXPO 1213	Principles of English Composition (Core I) or Expository Writing	3
MATH 1743	Calculus I for Business, Life and Social Sciences	3
COMM 1113 or COMM 2613	Principles of Communication or Public Speaking	3
METR 2603	Severe and Unusual Weather	3
ECON 1123	Principles of Economics-Micro (Core III)	3
AVIA 1213	Basic Air Traffic Control Regulations ¹	3
Credit Hours		18
Sophomore		
First Semester		
METR 1014	Introduction to Weather and Climate (Core II)	4
ACCT 2113	Fundamental Financial Accounting	3
ECON 2843 or PSY 2003	Elements of Statistics or Understanding Statistics	3
P SC 1113	American Federal Government (Core III)	3
AVIA 2013	General Air Traffic Control Procedures ¹	3
Credit Hours		16
Second Semester		
ACCT 2123	Fundamental Managerial Accounting	3

MIS 2113	Computer-Based Information Systems	3
PHYS 1114	General Physics for Non-Science Majors (Core II)	4
AVIA 2613	Aviation Safety	3
AVIA 3213	Airport Traffic Procedures ¹	3
Credit Hours		16
Junior		
First Semester		
AVIA 3313	IFR Air Traffic Procedures ¹	3
MGT 3013	Principles of Organization and Management	3
Free Elective		3
Upper-Division Elective		3
L S 3323	Legal Environment of Business	3
Credit Hours		15
Second Semester		
AVIA 3013	Career Development for Aviation Professionals	3
AVIA 4013	En-Route Radar Lab	3
AVIA 4423	Crew Resource Management	3
MKT 3013	Principles of Marketing	3
Non-Western Culture - Upper-Division (Core IV)		3
Credit Hours		15
Senior		
First Semester		
AVIA 4004	Air Traffic Control Tower Simulation ¹	4
AVIA 4663	Survey of Aerospace Ethical Issues	3
FIN 3303	Business Finance	3
Artistic Forms (Core IV)		3
Free Elective		2
Credit Hours		15
Second Semester		
AVIA 4023	Tracon Radar Lab	3
AVIA 4713	Senior Capstone	3
Western Civilization and Culture (Core IV)		3
Free Elective		5
Credit Hours		14
Total Credit Hours		125

¹Air Traffic Control coursework must be taken in the semester offered. All 24 hours must be completed in residence at the University of Oklahoma.

- For those students who did not successfully complete two years of the same foreign language in high school, ten hours of free electives will be replaced with two semesters of the same college-level foreign language.
- For those students pursuing the General Business Minor, successful completion of ECON 2843 is required.
- This plan of study should not be used in lieu of academic advisement.