

**REQUIREMENTS FOR THE BACHELOR OF SCIENCE**  
**COLLEGE OF PROFESSIONAL AND CONTINUING STUDIES**  
**THE UNIVERSITY OF OKLAHOMA**

Academic Year
For Students Entering the Oklahoma State System for Higher Education Summer 2021 through Spring 2022

General Requirements	
Minimum Total Credit Hours .....	125
Minimum Upper-Division Hours .....	40
<b>Minimum Retention/Graduation Grade Point Averages:</b>	
Overall - Combined and OU .....	2.25
Major - Combined and OU .....	2.25

Program
Aviation-Air Traffic Management Track
B090 P045
Bachelor of Science

OU encourages students to complete at least 32 hours of applicable coursework each year to have the opportunity to graduate in 4 years.

**GENERAL EDUCATION AND LOWER-DIVISION REQUIREMENTS**

Code	Title	Credit Hours
<b>Communications</b>		
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	
Language (Core I) <sup>1</sup>		0-10
<b>Social Science</b>		
P SC 1113	American Federal Government (Core III)	3
<b>Arts &amp; Humanities</b>		
HIST 1483	United States 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 Artistic Forms course <sup>2</sup>		3
Choose one Western Culture course <sup>2</sup>		3
Choose one World Culture course <sup>2</sup>		3
<b>Science &amp; Mathematics</b>		
Choose one of the following:		
PHYS 1114	General Physics for Non-Science Majors (Core II)	4
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 <sup>3</sup>	3
<b>First Year Experience</b>		
Choose one course (Core V) <sup>2</sup>		3
<b>Basic Aviation (13 hours)</b>		
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
<b>Basic Business (21 hours)</b>		
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	
FIN 2303	Business Finance	3
MIS 2113	Computer-Based Information Systems	3
Total Credit Hours		78-88

<sup>1</sup>Students who have completed two years of high school language are exempt from the general education language requirement.

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

<sup>3</sup>Core I—Substitute: MATH 1823, Calculus & Analytic Geom. I

**FREE ELECTIVES**

Ten hours if exempt from language; zero hours if 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.

**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
<b>Aviation Requirements</b>		
AVIA 3013	Career Development for Aviation Professionals	3
AVIA 3213	Airport Traffic Procedures	3
AVIA 3313	IFR Air Traffic Procedures <sup>1</sup>	3
AVIA 4004	Air Traffic Control Tower Simulation <sup>1</sup>	4
AVIA 4013	En-Route Radar Lab <sup>1</sup>	3
AVIA 4023	Tracon Radar Lab <sup>1</sup>	3
AVIA 4423	Crew Resource Management	3
AVIA 4663	Survey of Aerospace Ethical Issues	3
AVIA 4713	Senior Capstone	3
<b>Business Requirements</b>		
L S 3323	Legal Environment of Business	3
MGT 3013	Principles of Organization and Management	3
MKT 3013	Principles of Marketing	3
Total Credit Hours		37

<sup>1</sup>A 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.

More information in the catalog: (<http://ou-public.courseleaf.com/professional-continuing-studies/aviation/aviation-air-traffic-management-track-bachelor-science/>).

## SUGGESTED SEMESTER PLAN OF STUDY

Year	FIRST SEMESTER			Hours	SECOND SEMESTER			Hours
FRESHMAN	ENGL 1113	Principles of English Composition ( Core I )	3	ENGL 1213 or EXPO 1213	Principles of English Composition ( Core I ) or Expository Writing	3	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	
	ECON 1113	Principles of Economics-Macro ( Core III )	3	COMM 1113 or COMM 2613	Principles of Communication or Public Speaking	3	3	
	AVIA 1013	Introduction to Air Traffic Control <sup>1</sup>	3	METR 2603	Severe and Unusual Weather	3	3	
	AVIA 1111	Aviation Orientation	1	ECON 1123	Principles of Economics-Micro ( Core III )	3	3	
		First-Year Experience (Core V)	3	AVIA 1213	Basic Air Traffic Control Regulations <sup>1</sup>	3	3	
	<b>CREDIT HOURS</b>			<b>16</b>	<b>CREDIT HOURS</b>			<b>18</b>
SOPHOMORE	METR 1014	Introduction to Weather and Climate ( Core II )	4	ACCT 2123	Fundamental Managerial Accounting	3	3	
	ACCT 2113	Fundamental Financial Accounting	3	FIN 2303	Business Finance	3	3	
	ECON 2843 or PSY 2003	Elements of Statistics or Understanding Statistics	3	MIS 2113	Computer-Based Information Systems	3	3	
	P SC 1113	American Federal Government ( Core III )	3	PHYS 1114	General Physics for Non-Science Majors ( Core II )	4	4	
	AVIA 2013	General Air Traffic Control Procedures <sup>1</sup>	3	AVIA 3213	Airport Traffic Procedures <sup>1</sup>	3	3	
	<b>CREDIT HOURS</b>			<b>16</b>	<b>CREDIT HOURS</b>			<b>16</b>
JUNIOR	AVIA 2613	Aviation Safety	3	AVIA 3013	Career Development for Aviation Professionals	3	3	
	AVIA 3313	IFR Air Traffic Procedures <sup>1</sup>	3	AVIA 4013	En-Route Radar Lab	3	3	
	MGT 3013	Principles of Organization and Management	3	AVIA 4423	Crew Resource Management	3	3	
	L S 3323	Legal Environment of Business	3	MKT 3013	Principles of Marketing	3	3	
	HIST 1483 or HIST 1493	United States to 1865 ( Core IV ) or United States, 1865 to the Present	3		World Culture - Upper-Division (Core IV)	3	3	
		<b>CREDIT HOURS</b>			<b>15</b>	<b>CREDIT HOURS</b>		
SENIOR	AVIA 4004	Air Traffic Control Tower Simulation <sup>1</sup>	4	AVIA 4023	Tracon Radar Lab	3	3	
	AVIA 4663	Survey of Aerospace Ethical Issues	3	AVIA 4713	Senior Capstone	3	3	
		Artistic Forms (Core IV)	3		Western Culture (Core IV)	3	3	
		Free Elective	3		Free Elective	5	5	
		Free Elective	2					
	<b>CREDIT HOURS</b>			<b>15</b>	<b>CREDIT HOURS</b>			<b>14</b>

<sup>1</sup> Air Traffic Control coursework must be taken in the semester offered. All 25 hours must be completed in residence at the University of Oklahoma.

- For those students who did not successfully complete two years of the same language in high school, ten hours of free electives will be replaced with two semesters of the same college-level 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.