

# AVIATION (B.S.) - ONLINE

**Important:** This degree plan is effective for those starting this degree program in fall 2022 through summer 2023. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

## General Education/Foundational Skills Requirements

Code	Title	Hours
<b>Communication &amp; Information Literacy <sup>1</sup></b>		
ENGL 101	Composition and Rhetoric	3
	Communications Elective	3
	Information Literacy Elective	3
	Information Literacy Elective	3
<b>Technological Solutions &amp; Quantitative Reasoning <sup>1</sup></b>		
UNIV 104	Instructional Technology for Successful Online Learning	0-3
	Math Elective	3
	MATH 114 or higher	3
<b>Critical Thinking <sup>1</sup></b>		
RLGN 104	Christian Life and Biblical Worldview <sup>2</sup>	4
	Critical Thinking Elective	3
<b>Civic &amp; Global Engagement <sup>1</sup></b>		
	Cultural Studies Elective	3
<b>Social &amp; Scientific Inquiry <sup>1</sup></b>		
	Natural Science Elective	3
	Social Science Elective	3
<b>Christianity &amp; Contexts <sup>1</sup></b>		
BIBL 104	Survey of Old and New Testament	4
THEO 104	Introduction to Theology Survey <sup>2</sup>	4
<b>Total Hours</b>		<b>39-42</b>

<sup>1</sup> Refer to the list of approved general education electives before enrolling in foundational skill requirements

<sup>2</sup> Students transferring in 45 or more UG credit hours will have the requirement of RLGN 104 Christian Life and Biblical Worldview (4 c.h.) waived; Students transferring in 60 or more UG credit hours will also have the requirement of THEO 104 Introduction to Theology Survey (4 c.h.) waived

## Major Requirements

Code	Title	Hours
<b>Major Foundational Courses</b>		
MATH 201	Introduction to Probability and Statistics <sup>1</sup>	3
PHYS 101	Elements of Physics <sup>1</sup>	3
PHYS 103	Elements of Physics Lab <sup>1</sup>	1
<b>Total Hours</b>		<b>7</b>

<sup>1</sup> Courses may also fulfill select general education requirements

Code	Title	Hours
<b>Major Core <sup>1,2</sup></b>		
AVIA 105	Aviation Survey	3

Code	Title	Hours
AVIA 227	Introduction to Risk Management	3
AVIA 245	Aviation Leadership	3
AVIA 300	Aviation Safety	3
AVIA 304	Aviation History	3
AVIA 305	Airplane Aerodynamics	3
AVIA 310	Instrument Ground <sup>2</sup>	3
AVIA 315	Commercial Ground <sup>2</sup>	3
AVIA 320	Instrument Flight <sup>2</sup>	3
AVIA 325	Commercial Flight I <sup>2</sup>	3
AVIA 326	Commercial Flight II <sup>2</sup>	3
AVIA 327	Commercial Flight III <sup>2</sup>	3
AVIA 340	Aviation Weather	3
AVIA 342	Advanced GPS Navigation	3
AVIA 400	Aviation Human Factors	3
AVIA 455	Turbine Engines and Jet Transports	3
AVIA 475	Aviation Physiology	3
	Aviation Elective <sup>3</sup>	3
	Aviation Elective <sup>3</sup>	3
	Aviation Elective <sup>3</sup>	3
	Aviation Elective <sup>3</sup>	3
	Aviation Elective <sup>3</sup>	3
<b>Total Hours</b>		<b>66</b>

<sup>1</sup> Students must hold a valid Private Pilot Certificate or have completed AVIA 220 Private Flight I (3 c.h.) and AVIA 225 Private Flight II (3 c.h.) prior to enrolling in any other AVIA course listed in the Degree Completion Plan

<sup>2</sup> Advanced Standings awarded for FAA Certificates and Ratings

<sup>3</sup> Choose one of the following courses: any 300-400 level AVIA course not already applying to the degree.

Code	Title	Hours
<b>Free Electives</b>		
	Choose 5-14 credit hours of free electives	5-14
<b>Total Hours</b>		<b>5-14</b>

*All applicable prerequisites must be met*

## Graduation Requirements

- 120 Total hours
- 2.0 Overall grade point average
- 30 Hours must be upper-level courses (300-400 level)
- **Grade of 'C'** Minimum required for all upper-level courses in the major
- 25% Of major taken through Liberty University
- 30 Hours must be completed through Liberty University
- **Grad App** Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date