

AVIATION (B.S.) - ONLINE

Important: This degree plan is effective for those starting this degree program in fall 2025 through summer 2026. 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
Communication & Information Literacy ¹		
ENGL 101	Composition and Rhetoric	3
	Communications Elective	3
	Information Literacy Elective	3
	Information Literacy Elective	3
Technological Solutions & Quantitative Reasoning ¹		
UNIV 104	Instructional Technology for Successful Online Learning	0-3
	Math Elective MATH 114 or higher	3
Critical Thinking ¹		
RLGN 104	Christian Life and Biblical Worldview ²	4
	Critical Thinking Elective	3
Civic & Global Engagement ¹		
	Cultural Studies Elective	3
Social & Scientific Inquiry ¹		
	Natural Science Elective	3
	Social Science Elective	3
Christianity & Contexts ¹		
BIBL 104	Survey of Old and New Testament	4
THEO 104	Introduction to Theology Survey ²	4
Total Hours		39-42

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

² Students transferring in 45 or more UG credit hours will have the requirement of RLGN 104 waived; Students transferring in 60 or more UG credit hours will also have the requirement of THEO 104 waived

Major Requirements

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

¹ Courses may also fulfill select general education requirements

Code	Title	Hours
Major Core ¹		
AVIA 102	Aviation Foundations	3
AVIA 227	Introduction to Risk Management	3

Code	Title	Hours
AVIA 245	Aviation Leadership	3
AVIA 300	Aviation Safety	3
AVIA 304	Aviation History	3
AVIA 305	Airplane Aerodynamics	3
AVIA 310	Instrument Ground ¹	3
AVIA 315	Commercial Ground ¹	3
AVIA 320	Instrument Flight ¹	3
AVIA 325	Commercial Flight I ¹	3
AVIA 326	Commercial Flight II ¹	3
AVIA 327	Commercial Flight III ¹	3
AVIA 340	Aviation Weather	3
AVIA 342	GPS Navigation	3
AVIA 400	Aviation Human Factors	3
AVIA 455	Turbine Engines and Jet Transports	3
AVIA 475	Aviation Physiology	3
AVIA 491	Aeronautics Capstone	3
	Aviation Elective ²	3
	Aviation Elective ²	3
	Aviation Elective ²	3
	Aviation Elective ²	3
Total Hours		66

¹ Online courses with in-person flight training Advanced Standings awarded for FAA Certificates and Ratings.

² Choose one of the following courses: any 300-400 level AVIA course not already applying to the degree.

Code	Title	Hours
Free Electives		
	Choose 5-14 credit hours of free electives	5-14
Total Hours		5-14

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

Course Sequence

Course	Title	Hours
First Year		
First Semester		
	Elective	3
	Elective	3
ENGL 101	Composition and Rhetoric	3

Course	Title	Hours
UNIV 104	Instructional Technology for Successful Online Learning	0-3
Communications Elective ¹		3
Math Elective ^{MATH 201 1}		3
Hours		15-18
Second Semester		
Elective		3
Natural Science Elective ^{PHYS 101 1}		3
PHYS 103	Elements of Physics Lab	1
BIBL 104	Survey of Old and New Testament	4
Information Literacy Elective ¹		3
Elective		3
Hours		17
Third Semester		
AVIA 320	Instrument Flight	3
AVIA 310	Instrument Ground	3
AVIA 342	GPS Navigation	3
AVIA 105	Aviation Survey	3
AVIA 227	Introduction to Risk Management	3
Hours		15
Second Year		
First Semester		
AVIA 325	Commercial Flight I	3
AVIA 315	Commercial Ground	3
THEO 104	Introduction to Theology Survey	4
Critical Thinking Elective ¹		3
Social Science Elective ¹		3
Hours		16
Second Semester		
AVIA 326	Commercial Flight II	3
AVIA 340	Aviation Weather	3
AVIA 245	Aviation Leadership	3
Cultural Studies Elective ¹		3
Information Literature Elective ¹		3
Hours		15
Third Semester		
AVIA 327	Commercial Flight III	3
AVIA 300	Aviation Safety	3
RLGN 104	Christian Life and Biblical Worldview	4
AVIA 304	Aviation History	3
Aviation Elective ²		3
Hours		16
Third Year		
First Semester		
Aviation Elective ²		3
AVIA 305	Airplane Aerodynamics	3
AVIA 400	Aviation Human Factors	3
AVIA 475	Aviation Physiology	3
Elective		2
Hours		14

Course	Title	Hours
Second Semester		
Aviation Elective ²		3
AVIA 455	Turbine Engines and Jet Transports	3
Aviation Elective ²		3
Aviation Elective ²		3
Hours		12
Total Hours		120-123

¹ Refer to the list of approved general education electives here before enrolling in foundational skills requirements

² Choose one of the following courses: Any 300-400 level AVIA course not already applying to the degree.