LIBERTY UNIVERSITY

Bachelor of Science in Aviation Technology: Flight and Maintenance

2024-2025 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. 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 (40-43 hours)

Course		Hrs	Sem	Grade
Communication & Information Literacy (12 hours)[1]				
ENGL 101	Composition & Rhetoric	3		
_____	Communications Elective	3		
_____	Information Literacy Elective	3		
_____	Information Literacy Elective	3		
Technological Solutions & Quantitative Reasoning (4-7 hours)[1]				
UNIV 101	Foundational Skills	1		
MATH ____	Math Elective (MATH 114 or higher)	3		
_____	Technology Competency[2]	0-3		
Critical Thinking (5 hours)[1]				
RLGN 105	Intr Bwvw/Contemp Moral Issues[3]	2		
_____	Critical Thinking Elective	3		
Civic & Global Engagement (5 hours)[1]				
EVAN 101	Evangelism & Christian Life[3]	2		
_____	Cultural Studies Elective	3		
Social & Scientific Inquiry (6 hours)[1]				
_____	Natural Science Elective	3		
_____	Social Science Elective	3		
Christianity & Contexts (8 hours)[1]				
BIBL 105	Old Testament Survey	2		
BIBL 110	New Testament Survey	2		
THEO 201	Theology Survey I[3]	2		
THEO 202	Theology Survey II[3]	2		

Course		Hrs	Sem	Grade
Major Foundational Courses (0-3 hours)				
MATH 201	Introduction to Probability & Statistics[4]	3		
MAJOR				
	Core (93 hours)			
AVIA 102	Aviation Foundations	3		
AVIA 104	Flight Operations Orientation[5]	0-3		
AVIA 210	Private Ground I	3		
AVIA 215	Private Ground II	3		
AVIA 220	Private Flight I	3		
AVIA 225	Private Flight II	3		
AVIA 245	Aviation Leadership	3		
AVIA 300	Aviation Safety	3		
AVIA 310	Instrument Ground	3		
AVIA 315	Commercial Ground	3		
AVIA 320	Instrument Flight	3		
AVIA 322	Commercial Flight I: Accelerated	3		
AVIA 324	Commercial Flight II: Accelerated	3		
AVIA 460	Professional Pilot Career Strategies			
or AVIA 461	Aviation Career Strategies	3		
AVIA 491	Aeronautics Capstone: Adv Res Concepts	3		
AVMT 101	Maintenance Mathematics	1		
AVMT 102	Aircraft Sciences	3		
AVMT 103	Maintenance Physics	1		
AVMT 104	Maintenance Practices I	3		
AVMT 105	Aircraft Weight & Balance	1		
AVMT 106	Maintenance Practices II	3		
AVMT 150	General Curriculum Final	0		
AVMT 201	Airframe Auxiliary Systems I	1		
AVMT 202	Aircraft Electrical Systems	3		
AVMT 203	Airframe Auxiliary Systems II	2		
AVMT 204	Airframe Structures I	3		
AVMT 206	Airframe Structures II	2		
AVMT 207	Hydraulic & Pneumatic Systems	1		
AVMT 208	Airframe Assembly & Inspection	2		
AVMT 209	Landing Gear Systems	2		
AVMT 211	Fire Protection	1		
AVMT 213	Powerplant Fuel Systems	2		
AVMT 214	Engine Electrical Systems	3		
AVMT 215	Powerplant Lubrication Systems	1		
AVMT 219	Engine Instrument Systems	1		
AVMT 221	Propeller Systems	2		
AVMT 223	Engine Inspections	1		
AVMT 250	Airframe Curriculum Final	0		
AVMT 312	Reciprocating Engine Technology	3		
AVMT 320	Turbine Engine Technology	3		
AVMT 350	Powerplant Curriculum Final	0		
_____	_____ [6]	3		
_____	_____ [6]	3		

Notes

All applicable prerequisites must be met

[1]Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

[2]All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information

[3]Students transferring in 45 or more UG credit hours will have the requirements of RLGN 105 & EVAN 101 waived; Students transferring in 60 or more UG credit hours will also have the requirements of THEO 201 and THEO 202 waived

[4]Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened

[5]AVIA 104 is required for students who do not complete private pilot training at Liberty University's residential campus

[6]Choose any 300-400 level course not already applying to the degree

Suggested Course Sequence on second page

Graduation Requirements

133	Total Hours
2.0	Overall grade point average
33.25	Hours must be upper-level courses (300-400 level)
Grade of 'C'	Minimum required for all upper-level courses in the major and all AVMT courses
25%	Of major and cognate taken through Liberty University
33.25	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
CSER	All requirements must be satisfied before a degree will be awarded

SUGGESTED COURSE SEQUENCE***

FRESHMAN YEAR

First Semester		Second Semester	
ENGL 101	3	AVMT 101	1
RLGN 105	2	AVMT 102	3
UNIV 101	1	AVMT 103	1
Math Elective[1] [MATH 201]	3	AVMT 104	3
AVIA 102	3	AVMT 105	1
AVIA 245	3	AVMT 106	3
CSER	0	AVMT 150	0
Total	15	AVMT 201	1
		AVMT 202	3
		AVMT 209	2
		CSER	0
		Total	18

SUMMER SEMESTER

AVMT 203	2
AVMT 204	3
AVMT 206	2
AVMT 207	1
AVMT 208	2
AVMT 211	1
AVMT 219	1
AVMT 221	2
AVMT 223	1
AVMT 250	0
Total	15

SOPHOMORE YEAR

AVMT 213	2	BIBL 105	2
AVMT 214	3	EVAN 101	2
AVMT 215	1	Natural Science Elective[1]	3
AVMT 312	3	Social Science Elective[1]	3
AVMT 320	3	Technology Competency[2]	0-3
AVMT 350	0	AVIA 210	3
CSER	0	CSER	0
Total	12	Total	13-16

SUMMER SEMESTER

AVIA 215	3
AVIA 220	3
Total	6

JUNIOR YEAR

BIBL 110	2	Information Literacy Elective[1]	3
THEO 201	2	AVIA 300	3
Communications Elective[1]	3	AVIA 310	3
Critical Thinking Elective[1]	3	AVIA 322	3
AVIA 225[3]	3	CSER	0
CSER	0	Total	12
Total	13		

SENIOR YEAR

THEO 202	2	Cultural Studies Elective[1]	3
AVIA 315	3	Information Literacy Elective[1]	3
AVIA 320	3	AVIA 324	3
AVIA 460 or 461	3	AVIA 491	3
Elective[4]	3	Elective[4]	3
CSER	0	CSER	0
Total	14	Total	15

Notes

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[2]All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information
[3]AVIA 104 is required for students who do not complete private pilot training at Liberty University's residential campus
[4]Choose any 300-400 level course not already applying to the degree

***Additional course sequences may be available for those students with Private Pilot Licenses and other certifications. Students should contact their Academic Advisor and the School of Aeronautics for further information.