LIBERTY UNIVERSITY

Bachelor of Science in Aviation Maintenance
Management Cognate

2023-2024 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2023 through summer 2024. 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 (44-47 hours)

Course		Hrs	Sem	Grade
Communication & Information Literacy (13 hours)[1]				
ENGL 101	Composition & Rhetoric	3		
INQR 101	Inquiry 101	1		
_____	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 (8 hours)[1]				
RLGN 105	Intr Bwvw/Contemp Moral Issues[3]	2		
RSCH 201	Research 201	3		
_____	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		
Major Foundational Courses (0-6 hours)				
BUSI 105	The Business Experience[4]	3		
MATH 201	Introduction to Probability & Statistics[4]	3		

Course		Hrs	Sem	Grade
MAJOR				
	Core (69 hours)			
AVIA 102	Aviation Foundations	3		
AVIA 245	Aviation Leadership	3		
AVIA 300	Aviation Safety	3		
AVIA 461	Aviation Career Strategies	3		
AVIA 491	Capstone: Advanced Research Concepts	3		
AVIA ____	_____ [5]	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		
AVMX 418	Principles of Troubleshooting	3		
AVMX 428	Advanced Electronics	3		
	Cognate (12 hours)			
AVIA 314	Principles of Aviation Administration	3		
AVIA 472	Aviation Organization Ethics	3		
AVMX 451	Aviation Maintenance Operations	3		
BUSI 301	Legal & Ethical Concepts for Decision Makers	3		

Graduation Requirements

125	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 and all AVMT courses
25%	Of major and cognate 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
CSER	All requirements must be satisfied before a degree will be awarded

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] Choose from: AVIA 312, 409, or 419

Suggested Course Sequence on second page

SUGGESTED COURSE SEQUENCE***

FRESHMAN YEAR

First Semester		Second Semester	
BIBL 105	2	BIBL 110	2
ENGL 101	3	Information Literacy Elective[2]	3
INQR 101	1	Natural Science Elective[2]	3
UNIV 101	1	AVIA 245	3
AVIA 102	3	AVIA 300	3
AVIA 314	3	CSER	0
Technology Competency[1]	0-3		Total 14
CSER	0		
	Total 13-15		

SOPHOMORE YEAR

AVMT 101	1	AVMT 203	2
AVMT 102	3	AVMT 204[3]	3
AVMT 103	1	AVMT 206	2
AVMT 104	3	AVMT 207[3]	1
AVMT 105	1	AVMT 208	2
AVMT 106	3	AVMT 211	1
AVMT 150	0	AVMT 219	1
AVMT 201	1	AVMT 221	2
AVMT 202	3	AVMT 223	1
AVMT 209	2	AVMT 250	0
CSER	0	CSER	0
	Total 18		Total 15

SUMMER SEMESTER

AVMT 213	2
AVMT 214	3
AVMT 215	1
AVMT 312	3
AVMT 320	3
AVMT 350	0
	Total 12

JUNIOR YEAR

THEO 201	2	THEO 202	2
RSCH 201	3	EVAN 101	2
Communications Elective[2] [BUSI 105]	3	Critical Thinking Elective[2]	3
Social Science Elective[2]	3	Information Literacy Elective[2]	3
BUSI 301	3	Math Elective[2] [MATH 201]	3
CSER	0	CSER	0
	Total 14		Total 13

SENIOR YEAR

Cultural Studies Elective[2]	3	AVIA 472	3
RLGN 105	2	AVMX 418	3
AVIA 461	3	AVMX 428	3
AVIA 491	3	Aviation Safety Elective[4]	3
AVMX 451	3	CSER	0
CSER	0		Total 12
	Total 14		

Notes

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

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

[3]Spring Intensive

[4]Choose from: AVIA 312, 409, or 419

***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.