

LIBERTY

UNIVERSITY.

ONLINE

Bachelor of Science in Aviation Maintenance Management

2021-2022 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2021 through summer 2022. 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 (39-42 hours)

Course		Hrs	Sem	Grade
Communication and Information Literacy (12 hours)¹				
ENGL 101	Composition & Rhetoric	3	_____	_____
_____	Communications Elective	3	_____	_____
_____	Information Literacy Elective	3	_____	_____
_____	Information Literacy Elective	3	_____	_____

Technological Solutions and Quantitative Reasoning (3-6 hours)¹

UNIV 104	Instructional Tech. for Online Learning	0-3	_____	_____
MATH _____	Math Elective (MATH 114 or higher)	3	_____	_____

Critical Thinking (7 hours)¹

RLGN 104	Christian Life & Biblical Worldview ²	4	_____	_____
_____	Critical Thinking Elective	3	_____	_____

Civic & Global Engagement (3 hours)¹

_____	Cultural Studies Elective	3	_____	_____
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Social & Scientific Inquiry (6 hours)¹

_____	Natural Science Elective	3	_____	_____
_____	Social Science Elective	3	_____	_____

Christian Life & Thought (8 hours)¹

BIBL 104	Survey of Old & New Testament	4	_____	_____
THEO 104	Introduction to Theology Survey ²	4	_____	_____

Course		Hrs	Sem	Grade
Major Foundational Courses (0-3 hours)				
MATH 201	Introduction to Probability & Statistics ³	3	_____	_____

MAJOR⁴

Core (81 hours)				
AVIA 105	Aviation Survey	3	_____	_____
AVIA 245	Aviation Leadership	3	_____	_____
AVIA 300	Aviation Safety	3	_____	_____
AVIA 314	Principles of Aviation Administration	3	_____	_____
AVIA 400	Aviation Human Factors	3	_____	_____
AVIA 448	Aviation Law	3	_____	_____
AVIA 472	Aviation Organizational Ethics	3	_____	_____
AVMT 101	Maintenance Mathematics	1	_____	_____
AVMT 102	Aircraft Sciences II	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 201	Airframe Auxiliary Systems I	1	_____	_____
AVMT 202	Aircraft Electrical Systems	3	_____	_____
AVMT 203	Airframe Auxiliary Systems II	1	_____	_____
AVMT 204	Airframe Structures I	3	_____	_____
AVMT 205	Airframe Auxiliary Systems III	1	_____	_____
AVMT 206	Airframe Structures II	3	_____	_____
AVMT 207	Hydraulic & Pneumatic Systems	2	_____	_____
AVMT 208	Airframe Assembly & Inspection	3	_____	_____
AVMT 209	Landing Gear Systems	1	_____	_____
AVMT 213	Powerplant Fuel Systems	2	_____	_____
AVMT 214	Engine Electrical Systems	3	_____	_____
AVMT 215	Powerplant Lubrication Systems	1	_____	_____
AVMT 217	Powerplant Auxiliary Systems I	1	_____	_____
AVMT 219	Powerplant Auxiliary Systems II	1	_____	_____
AVMT 221	Propeller Systems	1	_____	_____
AVMT 312	Reciprocating Engines	3	_____	_____
AVMT 320	Turbine Engines	3	_____	_____
AVMX 418	Principles of Troubleshooting	3	_____	_____
AVMX 428	Advanced Electronics	3	_____	_____
AVMX 451	Aviation Maintenance Operations	3	_____	_____
BUSI 300	Business Communications	3	_____	_____
BUSI 310	Principles of Management	3	_____	_____

Notes

All applicable prerequisites must be met

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

²Students 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

³Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened

⁴Based on FAA requirements, the AVMT courses (45 hours) listed on this degree cannot be offered online and must be taken residually at Liberty University. You may complete FAA mechanic certification with Airframe and Powerplant ratings outside of Liberty University and Prior Learning Assessment (PLA) credit may be awarded for licensure to meet the requirements of the AVMT courses (45 hours)

Suggested Course Sequence on second page

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

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

<u>First Semester</u>		<u>Second Semester</u>	
BIBL 104	4	THEO 104	4
ENGL 101	3	Communications Elective ¹	3
RLGN 104	4	Information Literacy Elective ¹	3
UNIV 104	0-3	Math Elective ¹ [MATH 201]	3
AVIA 105	<u>3</u>	AVIA 245	<u>3</u>
Total 14-17		Total 16	

SOPHOMORE YEAR

AVIA 300	3	Critical Thinking Elective ¹	3
AVIA 314	3	Information Literacy Elective ¹	3
AVMX 418	3	Natural Science Elective ¹	3
BUSI 300	3	AVIA 448	3
BUSI 310	<u>3</u>	AVMX 428	<u>3</u>
Total 15		Total 15	

JUNIOR YEAR

Cultural Studies Elective ¹	3
Social Science Elective ¹	3
AVIA 400	3
AVIA 472	3
AVMX 451	<u>3</u>
Total 15	

Notes

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