

# LIBERTY

UNIVERSITY.

## ONLINE

### Bachelor of Science in Aviation Maintenance Management

2022-2023 Degree Completion Plan

**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 (39-42 hours)

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

#### Technological Solutions and Quantitative Reasoning (3-6 hours)<sup>1</sup>

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

#### Critical Thinking (7 hours)<sup>1</sup>

RLGN 104	Christian Life & Biblical Worldview <sup>2</sup>	4	_____
_____	Critical Thinking Elective	3	_____

#### Civic & Global Engagement (3 hours)<sup>1</sup>

_____	Cultural Studies Elective	3	_____
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#### Social & Scientific Inquiry (6 hours)<sup>1</sup>

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

#### Christian Life & Thought (8 hours)<sup>1</sup>

BIBL 104	Survey of Old & New Testament	4	_____
THEO 104	Introduction to Theology Survey <sup>2</sup>	4	_____

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

#### MAJOR<sup>4</sup>

Course	Hrs	Sem	Grade
<b>Core (81 hours)</b>			
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	_____

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

Notes
All applicable prerequisites must be met
<sup>1</sup> Refer to the list of approved general education electives at <a href="http://www.liberty.edu/gened">www.liberty.edu/gened</a> before enrolling in foundational skills requirements
<sup>2</sup> 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
<sup>3</sup> Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at <a href="http://www.liberty.edu/gened">www.liberty.edu/gened</a>
<sup>4</sup> Based on FAA requirements, the AVMT courses (45 hours) listed on this degree cannot be offered online and must be taken residentially 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)
<i>Suggested Course Sequence on second page</i>

## SUGGESTED COURSE SEQUENCE

### FRESHMAN YEAR

<u>First Semester</u>		<u>Second Semester</u>	
BIBL 104	4	THEO 104	4
ENGL 101	3	Communications Elective <sup>1</sup>	3
RLGN 104	4	Information Literacy Elective <sup>1</sup>	3
UNIV 104	0-3	Math Elective <sup>1</sup> [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 <sup>1</sup>	3
AVIA 314	3	Information Literacy Elective <sup>1</sup>	3
AVMX 418	3	Natural Science Elective <sup>1</sup>	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 <sup>1</sup>	3
Social Science Elective <sup>1</sup>	3
AVIA 400	3
AVIA 472	3
AVMX 451	<u>3</u>
	Total 15

#### Notes

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