

LIBERTY

UNIVERSITY.

ONLINE

Bachelor of Science in Aviation Maintenance Management

2018-2019 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2018 through summer 2019. 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/

CORE COMPETENCY REQUIREMENTS (39-42 hours)

Course		Hrs	Sem	Grade
Communication (6 hours)¹				
ENGL 101	Composition & Rhetoric	3	_____	_____
_____	Communications Elective	3	_____	_____
Math, Science & Technology (6-9 hours)¹				
MATH _____	Math Elective (MATH 114 or higher)	3	_____	_____
_____	Natural Science Elective	3	_____	_____
UNIV 104	Instructional Tech. for Online Learning	0-3	_____	_____
Information Literacy (6 hours)¹				
_____	Composition Elective	3	_____	_____
_____	Information Literacy Elective	3	_____	_____
Critical Thinking (9 hours)¹				
_____	Literature OR Philosophy Elective	3	_____	_____
_____	Social Science Elective	3	_____	_____
_____	Cultural Studies Elective	3	_____	_____
Christian Life & Thought (12 hours)^{1,2}				
BIBL 104	Survey of Old & New Testament	4	_____	_____
RLGN 104	Christian Life & Biblical Worldview	4	_____	_____
THEO 104	Introduction to Theology Survey	4	_____	_____

Course		Hrs	Sem	Grade
Major Foundational Courses (1-7 hours)³				
MATH 201	Introduction to Probability & Statistics	3	_____	_____
PHYS 101	Elements of Physics	3	_____	_____
PHYS 103	Elements of Physics Lab	1	_____	_____

MAJOR⁴

Course		Hrs	Sem	Grade
Core (75 hours)				
AVIA 300	Aviation Safety	3	_____	_____
AVIA 400	Aviation Human Factors	3	_____	_____
AVIA 455	Turbine Engines & Jet Transports	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 Structure 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 Engine Technology	3	_____	_____
AVMT 320	Turbine Engine Technology	3	_____	_____
AVMX 451	Aviation Maintenance Operations	3	_____	_____
BUSI 300	Business Communications	3	_____	_____
BUSI 301	Business Law	3	_____	_____
BUSI 310	Principles of Management	3	_____	_____
BUSI 330	Principles of Marketing	3	_____	_____
BUSI 342	Human Resource Management	3	_____	_____
BUSI 472	Organizational Ethics	3	_____	_____

FREE ELECTIVES (0-5 hours)

Notes

All applicable prerequisites must be met

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

³Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable

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

40% Of major taken through Liberty University

30 Hours must be completed through Liberty University

Grad App Submission of Graduation Application must be completed within the last semester of a student's anticipated graduation date

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester	
BIBL 104	4	THEO 104	4
ENGL 101	3	Communications Elective ¹	3
UNIV 104	0-3	Composition Elective ¹	3
PHYS 101	3	Math Elective ¹ [MATH 201]	3
PHYS 103	1	AVIA 300	<u>3</u>
RLGN 104	<u>4</u>	Total	16
Total	15-18		

SOPHOMORE YEAR

Social Science Elective ¹	3	Cultural Studies Elective ¹	3
BUSI 300	3	Information Literacy Elective ¹	3
BUSI 310	3	Literature <u>OR</u> Philosophy Elective ¹	3
BUSI 330	3	BUSI 301	<u>3</u>
AVIA 455	<u>3</u>	Total	12
Total	15		

JUNIOR YEAR

BUSI 342	3
BUSI 472	3
AVMX 451	<u>3</u>
Total	9

Notes

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