LIBERTY UNIVERSITY

Bachelor of Science in Aeronautics
Military Cognate

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 (44-47 hours)

Course		Hrs	Sem	Grade
Communication (6 hours)[1]				
ENGL 101	Composition & Rhetoric	3		
_____	Communications Elective	3		
Math, Science & Technology (7-10 hours)[1]				
MATH ____	Math Elective (MATH 114 or higher)	3		
_____	Natural Science Elective	3		
	Technology Competency[2]	0-3		
UNIV 101	University Core Competencies	1		
Information Literacy (7 hours)[1]				
INQR 101	Inquiry 101	1		
_____	Composition Elective	3		
_____	Information Literacy Elective	3		
Critical Thinking (12 hours)[1]				
RSCH 201	Research 201	3		
_____	Literature OR Philosophy Elective	3		
_____	Social Science Elective	3		
_____	Cultural Studies Elective	3		
Christian Life & Thought (12 hours)[1,3]				
BIBL 105	Old Testament Survey	2		
BIBL 110	New Testament Survey	2		
EVAN 101	Evangelism & Christian Life	2		
RLGN 105	Intr Bwvw/Contemp Moral Issues	2		
THEO 201	Theology Survey I	2		
THEO 202	Theology Survey II	2		

Course		Hrs	Sem	Grade
Major Foundational Courses (1-7 hours)[4]				
MATH 201	Introduction to Probability & Statistics	3		
PHYS 101	Elements of Physics	3		
PHYS 103	Elements of Physics Lab	1		
MAJOR				
	Core (65 hours)			
AVIA 102	Aviation Foundations	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 310	Instrument Ground	3		
AVIA 315	Commercial Ground	3		
AVIA 320	Instrument Flight	3		
Aeronautics, Science, & Systems				
AVIA 230	Unmanned Aerial Systems	3		
AVIA 240	GPS Navigation	1		
AVIA 241	GPS Instrument Navigation	1		
AVIA 305	Airplane Aerodynamics	3		
AVIA 340	Aviation Weather	3		
AVIA 430	Multi-Eng. Theo. & Adv. Aircraft Sys.	3		
AVIA 455	Turbine Engines & Jet Transports	3		
MATH 130	Advanced Technical Mathematics	3		
Leadership, Management, Education & Safety				
AVIA 245	Aviation Leadership	3		
AVIA 300	Aviation Safety	3		
AVIA 360	Corporate & Business Aviation	3		
AVIA 400	Aviation Human Factors	3		
AVIA 410	Flight & Ground Instructor Theory	3		
AVIA 460	Aviation Interview	3		
AVIA 491	Capstone: Advanced Research Concepts	3		
	Cognate (15 hours)			
AVIA 250	Introduction to Space Flight	3		
_____	_____[5]	_		
_____	_____[5]	_		
_____	_____[5]	_		
_____	_____[5]	_		

Graduation Requirements	
125	Total Hours
2.0	Overall grade point average
31.25	Hours must be upper-level courses (300-400 level)
Grade of 'C'	Minimum required for all upper-level courses in the major
50%	Of major and cognate taken through Liberty University
31.25	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
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 core competency 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]Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable
[5]Choose 12 credits from: AIRS, MISC, AVIA 335, 409, 419, 446, 447, 472, 492, 499, AVMX 418, CSIS 340, GOVT 200, 380, 381, 383, 483 or 484
Suggested Course Sequence on second page

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester	
BIBL 105	2	BIBL 110	2
ENGL 101	3	PHYS 103	1
INQR 101	1	Composition Elective[1]	3
UNIV 101	1	Technology Competency[2]	0-3
Math Elective[1] [MATH 201]	3	Natural Science Elective[1] [PHYS 101]	3
AVIA 102	3	AVIA 230	3
MATH 130	3	CSER	0
CSER	0	Total 12-15	
Total 16			

SOPHOMORE YEAR

RLGN 105	2	THEO 202	2
RSCH 201	3	Communications Elective[1]	3
THEO 201	2	Social Science Elective[1]	3
Information Literacy Elective[1]	3	AVIA 210	3
AVIA 245	3	AVIA 215	3
AVIA 305	3	AVIA 250	3
CSER	0	CSER	0
Total 16		Total 17	

JUNIOR YEAR

EVAN 101	2	Cultural Studies Elective[1]	3
Literature OR Philosophy Elective[1]	3	AVIA 225	3
AVIA 220	3	AVIA 240	1
AVIA 340	3	AVIA 241	1
AVIA 360	3	AVIA 300	3
Aeronautics Elective[3]	3	AVIA 491	3
CSER	0	Aeronautics Elective[3]	3
Total 17		CSER	0
		Total 17	

SENIOR YEAR

AVIA 310	3	AVIA 410	3
AVIA 315	3	AVIA 430	3
AVIA 320	3	AVIA 455	3
AVIA 400	3	Aeronautics Elective[3]	3
AVIA 460	3	CSER	0
Aeronautics Elective[3]	3	Total 12	
CSER	0		
Total 18			

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[3]Choose from: AIRS, MISC, AVIA 335, 409, 419, 446, 447, 472, 492, 499, AVMX 418, CSIS 340, GOVT 200, 380,381, 383, 483 or 484