

Bachelor of Science in Aeronautics

Commercial/Corporate Concentration

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 (44-47 hours) Hrs Course Grade Communication & Information Literacy (13 hours)¹ Major Foundational Courses (1-7 hours) ENGL 101 Introduction to Probability & Statistics⁴ Composition & Rhetoric MATH 201 **INQR** 101 Inquiry 101 **PHYS** 101 Elements of Physics4 Communications Elective 3 **PHYS 103** Elements of Physics Lab4 Information Literacy Elective 3 Information Literacy Elective 3 **MAJOR** Core (63 hours) AVIA 102 **Aviation Foundations** Technological Solutions & Quantitative Reasoning (4-7 hours)¹ AVIA 210 Private Ground I **UNIV 101** Foundational Skills Math Elective (MATH 114 or higher) AVIA 215 Private Ground II MATH_ Technology Competency² AVIA 220 Private Flight I 3 AVIA 225 Private Flight II 3 AVIA 310 Instrument Ground 3 Critical Thinking (8 hours)¹ **RLGN 105** Intr Bwvw/Contemp Moral Issues³ 2 AVIA 315 Commercial Ground 3 RSCH 201 Research 201 3 Instrument Flight AVIA 320 Critical Thinking Elective Aeronautics, Science, & Systems 3 AVIA 230 Unmanned Aerial Systems Civic & Global Engagement (5 hours)¹ AVIA 305 Airplane Aerodynamics 3 **EVAN 101** Evangelism & Christian Life³ AVIA 340 Aviation Weather 2 Cultural Studies Elective AVIA 342 Advanced GPS Navigation 3 AVIA 430 Multi-Eng. Theo. & Adv. Aircraft Sys. AVIA 455 Turbine Engines & Jet Transports 3 Social & Scientific Inquiry (6 hours)¹ Natural Science Elective **MATH 130** Advanced Technical Mathematics Leadership, Management, & Safety Social Science Elective AVIA 245 Aviation Leadership 3 AVIA 300 Aviation Safety 3 Christianity & Contexts (8 hours)¹ **BIBL 105** Old Testament Survey AVIA 360 Corporate & Business Aviation **BIBL** 110 New Testament Survey AVIA 400 Aviation Human Factors 3 **THEO 201** Theology Survey I3 AVIA 460 3 Professional Pilot Career Strategies **THEO 202** Theology Survey II3 AVIA 491 Capstone: Advanced Research Concepts Concentration (19 hours) AVIA 322 Commercial Flight I: Accelerated AVIA 324 Commercial Flight II: Accelerated **AVIA 440** Multi-Engine Flight

Graduation Requirements

127 Total Hours

2.0 Overall grade point average

31.75 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 and concentration taken through Liberty University

31.75 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

AVIA 350

AVIA 435

All applicable prerequisites must be met

Airline Operations

Advanced Jet Systems

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

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²All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information

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

⁴Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened

⁵Choose 6 credits from the following: AVMX 418 and/or any 300-400 level AVIA courses not already required in the major

Suggested Course Sequence on second page

Revised: 02.11.2022 Effective: Catalog Term 2022-40

SUGGESTED COURSE SEQUENCE***

FRESHMAN YEAR

First Semester		Second Semester		
BIBL 105	2	BIBL 110		2
INQR 101	1	ENGL 101		3
RLGN 105	2	AVIA 220		3
UNIV 101	1	AVIA 225		3
Technology Competency ¹	0-3	AVIA 315		3
AVIA 102	3	AVIA 340		3
AVIA 210	3	CSER		0
AVIA 215	3	Tot	tal	17
CSER	<u>0</u>			
	Total 15-18			
	SOPHOMOR	E YEAR		
THEO 201	2	PHYS 103		1
MATH 130	3	THEO 202		2
RSCH 201	3	Information Literacy Elective ²		3
AVIA 245	3	Math Elective ² [MATH 201]		3
AVIA 310	3	Natural Science Elective ² [PHYS 101]		3
AVIA 322	3	AVIA 300		3
CSER	<u>0</u>	AVIA 320		3
	Total 17	CSER		0
		Tot	tal	18
	JUNIOR Y	YEAR		
EVAN 101	2	Communications Elective ²		3
AVIA 230	3	AVIA 350		3
AVIA 305	3	AVIA 360		3
AVIA 324	3	AVIA 430		3
AVIA 342	3	AVIA Elective ³		3
CSER	<u>0</u>	CSER		0
	Total 14	Tot	tal	15
	SENIOR Y	EAR		
AVIA 400	3	Critical Thinking Elective ²		3
AVIA 435	3	Cultural Studies Elective ²		3
AVIA 440	1	Information Literacy Elective ²		3
AVIA 455	3	Social Science Elective ²		3
AVIA 460	3	AVIA Elective ³		3
AVIA 491	3	CSER		0
CSER	<u>0</u>	Tot	tal	15
	Total 16			

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 $[\]begin{tabular}{l} \textbf{Notes} \\ \textbf{^1} \textbf{All students must pass the Computer Assessment OR complete applicable INFT course; refer to $\underline{$w$-ww.libertv.edu/computerasses.sment}$ \\ \end{tabular}$ for more information

²Refer to the list of approved general education electives at www.libertv.edu/gened before enrolling in foundational skills requirements ³Choose 6 credits from the following: AVMX 418 and/or any 300-400 level AVIA course not already required in the major

^{***} 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.