

FOUNDATIONAL SKILLS REQUIREMENTS (44-47 hours)

GENERAL EDUCATION/

Bachelor of Science in Aeronautics

Military Cognate

3

3

Grade

2020-2021 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2020 through summer 2021. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

Grade Course Hrs Hrs Sem Communication & Information Literacy (13 hours)¹ Major Foundational Courses (1-7 hours) Introduction to Probability & Statistics **ENGL 101** 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 MAJOR Core (65 hours) Technological Solutions & Quantitative Reasoning (4-7 hours)¹ AVIA 102 Aviation Foundations 3 **UNIV 101** AVIA 210 Private Ground I Foundational Skills MATH Math Elective (MATH 114 or higher) 3 AVIA 215 Private Ground II 3 Technology Competency² 0 - 3AVIA 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 AVIA 315 Commercial Ground 3 RSCH 201 AVIA 320 Instrument Flight Research 201 Critical Thinking Elective Aeronautics, Science, & Systems AVIA 230 Unmanned Aerial Systems 3

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Social Science Elective	3	MATH 130	Advanced Technical Mathematics	3
		Leadership, M	anagement, Education & Safety	
& Contexts (8 hours) ¹		AVIA 245	Aviation Leadership	3
Old Testament Survey	2	AVIA 300	Aviation Safety	3
New Testament Survey	2	AVIA 360	Corporate & Business Aviation	3
Theology Survey I ³	2	AVIA 400	Aviation Human Factors	3
Theology Survey II ³	2	AVIA 410	Flight & Ground Instructor Theory	3
		AVIA 460	Aviation Interview	3
		AVIA 491	Capstone: Advanced Research Concepts	3
			Cognate (15 hours)	
	Social Science Elective & Contexts (8 hours) ¹ Old Testament Survey New Testament Survey Theology Survey I ³	Social Science Elective 3 & Contexts (8 hours)¹ Old Testament Survey 2 New Testament Survey 2 Theology Survey I³ 2	Social Science Elective 3 MATH 130 Leadership, Moderate 130 Lead	Social Science Elective 3 MATH 130 Advanced Technical Mathematics Leadership, Management, Education & Safety AVIA 245 Aviation Leadership Old Testament Survey New Testament Survey 12 AVIA 300 Aviation Safety AVIA 360 Corporate & Business Aviation Theology Survey I ³ 2 AVIA 400 Aviation Human Factors Theology Survey II ³ 2 AVIA 410 Flight & Ground Instructor Theory AVIA 460 Aviation Interview AVIA 491 Capstone: Advanced Research Concepts

AVIA 240

AVIA 241

AVIA 305

AVIA 340

AVIA 430

AVIA 455

Graduation Requirements

125 Total Hours

Civic & Global Engagement (5 hours)¹

Social & Scientific Inquiry (6 hours)1

Evangelism & Christian Life³

Cultural Studies Elective

Natural Science Flective

EVAN 101

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

25% Of major and cognate taken through Liberty University

 ${\bf 31.25} \; {\bf Hours} \; {\bf must} \; {\bf be} \; {\bf completed} \; {\bf through} \; {\bf Liberty} \; {\bf University}$

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 250

All applicable prerequisites must be met

GPS Navigation

Aviation Weather

GPS Instrument Navigation

Introduction to Space Flight

Multi-Eng. Theo. & Adv. Aircraft Sys.

Turbine Engines & Let Transports

Airplane Aerodynamics

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

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 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

Revised: 06.01.2020 Effective: Catalog Term 2020-40

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

BIBL 105	First Semester		Second Semester						
RNGL 101					2				
INQR 101									
RLGN 105									
NIV 10	•								
Technology Competency									
AVIA 102 3									
MATH 130 3 CSER 0 Total 18 SOPHOMORE YEAR EVAN 101 2 PHYS 103 1 RSCH 201 3 Math Elective³ [MATH 201] 3 THEO 201 2 Natural Science Elective³ [PHYS 101] 3 AVIA 220 3 AVIA 300 3 AVIA 225 3 AVIA 310 3 AVIA 241 1 AVIA 315 3 AVIA 245 3 CSER 0 CSER 0 Total 16 TOTAL 17 Total 16 THEO 202 2 Critical Thinking Elective³ 3 AVIA 230 3 AVIA 360 3 AVIA 305 3 AVIA 400 3 AVIA 300 3 AVIA 430 3 AVIA 410 3 Aeronautics Elective² 3 SENIOR YEAR Information Literacy Elective³ 3 AVIA 430 <									
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Note

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²Choose from: AIRS, MISC, AVIA 335, 409, 419, 446, 447, 472, 492, 499, AVMX 418, CSIS 340, GOVT 200, 380, 381, 383, 483 or 484

 $^{{}^3\!}Refer~to~the~list~of~approved~general~education~electives~at~\underline{www.liberty.edu/gened}~before~enrolling~in~foundational~skills~requirements$

^{***} 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.