

**Important:** This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. 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 (40-43 hours)

Course		Hrs	Sem	Grade
<b>Communication &amp; Information Literacy (12 hours)<sup>1</sup></b>				
ENGL 101	Composition & Rhetoric	3	_____	_____
_____	Communications Elective	3	_____	_____
_____	Information Literacy Elective	3	_____	_____
_____	Information Literacy Elective	3	_____	_____
<b>Technological Solutions &amp; Quantitative Reasoning (4-7 hours)<sup>1</sup></b>				
UNIV 101	Foundational Skills	1	_____	_____
MATH _____	Math Elective (MATH 114 or higher)	3	_____	_____
_____	Technology Competency <sup>2</sup>	0-3	_____	_____
<b>Critical Thinking (5 hours)<sup>1</sup></b>				
RLGN 105	Intr Bwvw/Contemp Moral Issues <sup>3</sup>	2	_____	_____
_____	Critical Thinking Elective	3	_____	_____
<b>Civic &amp; Global Engagement (5 hours)<sup>1</sup></b>				
EVAN 101	Evangelism & Christian Life <sup>3</sup>	2	_____	_____
_____	Cultural Studies Elective	3	_____	_____
<b>Social &amp; Scientific Inquiry (6 hours)<sup>1</sup></b>				
_____	Natural Science Elective	3	_____	_____
_____	Social Science Elective	3	_____	_____
<b>Christianity &amp; Contexts (8 hours)<sup>1</sup></b>				
BIBL 105	Old Testament Survey	2	_____	_____
BIBL 110	New Testament Survey	2	_____	_____
THEO 201	Theology Survey I <sup>3</sup>	2	_____	_____
THEO 202	Theology Survey II <sup>3</sup>	2	_____	_____
<b>Major Foundational Courses (1-7 hours)</b>				
MATH 201	Introduction to Probability & Statistics <sup>4</sup>	3	_____	_____
PHYS 101	Elements of Physics <sup>4</sup>	3	_____	_____
PHYS 103	Elements of Physics Lab <sup>4</sup>	1	_____	_____

Course		Hrs	Sem	Grade
<b>MAJOR</b>				
<b>Core (63-66 hours)</b>				
AVIA 102	Aviation Foundations	3	_____	_____
AVIA 104	Flight Operations Orientation <sup>5</sup>	0-3	_____	_____
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	_____	_____
<i>Aeronautics, Science, &amp; Systems</i>				
AVIA 230	Unmanned Aerial Systems	3	_____	_____
AVIA 305	Airplane Aerodynamics	3	_____	_____
AVIA 340	Aviation Weather	3	_____	_____
AVIA 342	GPS Navigation	3	_____	_____
AVIA 430	Multi-Eng. Theo. & Adv. Aircraft Sys.	3	_____	_____
AVIA 455	Turbine Engines & Jet Transports	3	_____	_____
MATH 130	Advanced Technical Mathematics	3	_____	_____
<i>Leadership, Management, &amp; Safety</i>				
AVIA 245	Aviation Leadership	3	_____	_____
AVIA 300	Aviation Safety	3	_____	_____
AVIA 360	Corporate & Business Aviation	3	_____	_____
AVIA 400	Aviation Human Factors	3	_____	_____
AVIA 460	Professional Pilot Career Strategies	3	_____	_____
AVIA 491	Aeronautics Capstone: Adv Res Concepts	3	_____	_____
<b>Concentration (19 hours)</b>				
AVIA 322	Commercial Flight I: Accelerated	3	_____	_____
AVIA 324	Commercial Flight II: Accelerated	3	_____	_____
AVIA 440	Multi-Engine Flight	1	_____	_____
AVIA 350	Airline Operations	3	_____	_____
AVIA 435	Advanced Jet Systems	3	_____	_____
AVIA 436	Advanced Jet Training	3	_____	_____
		<b>6</b>	3	_____

Graduation Requirements	
123	Total Hours
2.0	Overall grade point average
30.75	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
30.75	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
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> All students must pass the Computer Assessment OR complete applicable INFT course; refer to <a href="http://www.liberty.edu/computerassessment">www.liberty.edu/computerassessment</a> for more information
<sup>3</sup> 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
<sup>4</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>5</sup> AVIA 104 is required for students who do not complete private pilot training at Liberty University's residential campus
<sup>6</sup> Choose 3 hours from the following: AVMX 418 or any 300-400 level AVIA courses not already required in the degree
<i>Suggested Course Sequence on second page</i>

## SUGGESTED COURSE SEQUENCE\*\*\*

### FRESHMAN YEAR

First Semester		Second Semester	
ENGL 101	3	BIBL 105	2
RLGN 105	2	PHYS 103	1
UNIV 101	1	Natural Science Elective <sup>1</sup> [PHYS 101]	3
Math Elective <sup>1</sup> [MATH 201]	3	Technology Competency <sup>2</sup>	0-3
AVIA 102	3	AVIA 210	3
AVIA 230	3	AVIA 245	3
CSER	<u>0</u>	CSER	<u>0</u>
Total	15	Total	12-15

### SUMMER SEMESTER\*

AVIA 215	3
AVIA 220	<u>3</u>
Total	6

### SOPHOMORE YEAR

BIBL 110	2	EVAN 101	2
MATH 130	3	THEO 201	2
Cultural Studies Elective <sup>1</sup>	3	AVIA 310	3
Information Literacy Elective <sup>1</sup>	3	AVIA 322	3
AVIA 225 <sup>3</sup>	3	AVIA 340	3
Elective	3	AVIA 342	3
CSER	<u>0</u>	CSER	<u>0</u>
Total	17	Total	16

### SUMMER SEMESTER\*

AVIA 315	3
AVIA 320	<u>3</u>
Total	6

### JUNIOR YEAR

THEO 202	2	Communications Elective <sup>1</sup>	3
Information Literacy Elective <sup>1</sup>	3	Critical Thinking Elective <sup>1</sup>	3
AVIA 300	3	AVIA 350	3
AVIA 324	3	AVIA 360	3
AVIA 430	3	AVIA 440	1
CSER	<u>0</u>	CSER	<u>0</u>
Total	14	Total	13

### SENIOR YEAR

AVIA 305	3	Social Science Elective <sup>1</sup>	3
AVIA 400	3	AVIA 436	3
AVIA 435	3	AVIA 491	3
AVIA 455	3	AVIA Elective <sup>4</sup>	3
AVIA 460	3	CSER	<u>0</u>
CSER	<u>0</u>	Total	12
Total	15		

#### Notes

<sup>1</sup>Refer to the list of approved general education electives at [www.liberty.edu/gened](http://www.liberty.edu/gened) before enrolling in foundational skills requirements

<sup>2</sup>All students must pass the Computer Assessment OR complete applicable INFT course; refer to [www.liberty.edu/computerassessment](http://www.liberty.edu/computerassessment) for more information

<sup>3</sup>AVIA 104 is required for students who do not complete private pilot training at Liberty University's residential campus

<sup>4</sup>Choose 3 credits from the following: AVMX 418 and/or any 300-400 level AVIA course not already required in the major

\*Summer flight and ground courses are highly encouraged

\*\*\*[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.