

**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 (0-6 hours)</b>				
BUSI 105	The Business Experience <sup>4</sup>	3	_____	_____
MATH 201	Introduction to Probability & Statistics <sup>4</sup>	3	_____	_____

#### Course

#### MAJOR

Course		Hrs	Sem	Grade
<b>Core (69 hours)</b>				
AVIA 102	Aviation Foundations	3	_____	_____
AVIA 245	Aviation Leadership	3	_____	_____
AVIA 300	Aviation Safety	3	_____	_____
AVIA 461	Aviation Career Strategies	3	_____	_____
AVIA 491	Aeronautics Capstone: Adv Res Concepts	3	_____	_____
AVIA _____	_____ <sup>5</sup>	3	_____	_____
AVMT 101	Maintenance Mathematics	1	_____	_____
AVMT 102	Aircraft Sciences	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 150	General Curriculum Final	0	_____	_____
AVMT 201	Airframe Auxiliary Systems I	1	_____	_____
AVMT 202	Aircraft Electrical Systems	3	_____	_____
AVMT 203	Airframe Auxiliary Systems II	2	_____	_____
AVMT 204	Airframe Structures I	3	_____	_____
AVMT 206	Airframe Structures II	2	_____	_____
AVMT 207	Hydraulic & Pneumatic Systems	1	_____	_____
AVMT 208	Airframe Assembly & Inspection	2	_____	_____
AVMT 209	Landing Gear Systems	2	_____	_____
AVMT 211	Fire Protection	1	_____	_____
AVMT 213	Powerplant Fuel Systems	2	_____	_____
AVMT 214	Engine Electrical Systems	3	_____	_____
AVMT 215	Powerplant Lubrication Systems	1	_____	_____
AVMT 219	Engine Instrument Systems	1	_____	_____
AVMT 221	Propeller Systems	2	_____	_____
AVMT 223	Engine Inspections	1	_____	_____
AVMT 250	Airframe Curriculum Final	0	_____	_____
AVMT 312	Reciprocating Engine Technology	3	_____	_____
AVMT 320	Turbine Engine Technology	3	_____	_____
AVMT 350	Powerplant Curriculum Final	0	_____	_____
AVMX 418	Principles of Troubleshooting	3	_____	_____
AVMX 428	Advanced Electronics	3	_____	_____
<b>Cognate (12 hours)</b>				
AVIA 314	Principles of Aviation Administration	3	_____	_____
AVIA 472	Aviation Organization Ethics	3	_____	_____
AVMX 451	Aviation Maintenance Operations	3	_____	_____
BUSI 301	Legal & Ethical Concepts for Decision Makers	3	_____	_____

#### Notes

All applicable prerequisites must be met

<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>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 [www.liberty.edu/gened](http://www.liberty.edu/gened)

<sup>5</sup>Choose from: AVIA 312, 409, or 419

Suggested Course Sequence on second page

#### Graduation Requirements

121 Total Hours

2.0 Overall grade point average

30.25 Hours must be upper-level courses (300-400 level)

Grade of 'C' Minimum required for all upper-level courses in the major and all AVMT courses

25% Of major and cognate taken through Liberty University

30.25 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

**SUGGESTED COURSE SEQUENCE\*\*\***

**FRESHMAN YEAR**

First Semester		Second Semester	
BIBL 105	2	BIBL 110	2
ENGL 101	3	Information Literacy Elective <sup>2</sup>	3
UNIV 101	1	Natural Science Elective <sup>2</sup>	3
AVIA 102	3	AVIA 245	3
AVIA 314	3	AVIA 300	3
Technology Competency <sup>1</sup>	0-3	CSER	<u>0</u>
CSER	<u>0</u>	Total	14
Total 12-15			

**SOPHOMORE YEAR**

AVMT 101	1	AVMT 203	2
AVMT 102	3	AVMT 204 <sup>3</sup>	3
AVMT 103	1	AVMT 206	2
AVMT 104	3	AVMT 207 <sup>3</sup>	1
AVMT 105	1	AVMT 208	2
AVMT 106	3	AVMT 211	1
AVMT 150	0	AVMT 219	1
AVMT 201	1	AVMT 221	2
AVMT 202	3	AVMT 223	1
AVMT 209	2	AVMT 250	0
CSER	<u>0</u>	CSER	<u>0</u>
Total 18		Total	15

**SUMMER SEMESTER**

AVMT 213	2
AVMT 214	3
AVMT 215	1
AVMT 312	3
AVMT 320	3
AVMT 350	<u>0</u>
Total	12

**JUNIOR YEAR**

THEO 201	2	Social Science Elective <sup>2</sup>	3
THEO 202	2	Critical Thinking Elective <sup>2</sup>	3
EVAN 101	2	Information Literacy Elective <sup>2</sup>	3
Communications Elective <sup>2</sup> [BUSI 105]	3	Math Elective <sup>2</sup> [MATH 201]	3
BUSI 301	3	CSER	<u>0</u>
CSER	<u>0</u>	Total	12
Total 12			

**SENIOR YEAR**

Cultural Studies Elective <sup>2</sup>	3	AVIA 472	3
RLGN 105	2	AVMX 418	3
AVIA 461	3	AVMX 428	3
AVIA 491	3	Aviation Safety Elective <sup>4</sup>	3
AVMX 451	3	CSER	<u>0</u>
CSER	<u>0</u>	Total	12
Total 14			

**Notes**

<sup>1</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>2</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>3</sup>Spring Intensive

<sup>4</sup>Choose from: AVIA 312, 409, or 419

\*\*\*[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.