

**Important:** This degree plan is effective for those starting this degree program in fall 2019 through summer 2020. 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)

Course		Hrs	Sem	Grade
<b>Communication &amp; Information Literacy (13 hours)<sup>1</sup></b>				
ENGL 101	Composition & Rhetoric	3	_____	_____
INQR 101	Inquiry 101	1	_____	_____
_____	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	University Core Competencies	1	_____	_____
MATH _____	Math Elective (MATH 114 or higher)	3	_____	_____
_____	Technology Competency <sup>2</sup>	0-3	_____	_____
<b>Critical Thinking (8 hours)<sup>1</sup></b>				
RLGN 105	Intr Bwvw/Contemp Moral Issues <sup>3</sup>	2	_____	_____
RSCH 201	Research 201	3	_____	_____
_____	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	_____	_____

Course		Hrs	Sem	Grade
<b>Major Foundational Courses (0-3 hours)</b>				
MATH 201	Introduction to Probability & Statistics <sup>4</sup>	3	_____	_____

### 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 460	Aviation Interview	3	_____	_____
AVIA 491	Capstone: Advanced Research Concepts	3	_____	_____
AVIA _____	_____ <sup>5</sup>	3	_____	_____
AVMT 101	Maintenance Mathematics	1	_____	_____
AVMT 102	Aircraft Sciences II	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 201	Airframe Auxiliary Systems I	1	_____	_____
AVMT 202	Aircraft Electrical Systems	3	_____	_____
AVMT 203	Airframe Auxiliary Systems II	1	_____	_____
AVMT 204	Airframe Structures I	3	_____	_____
AVMT 205	Airframe Auxiliary Systems III	1	_____	_____
AVMT 206	Airframe Structures II	3	_____	_____
AVMT 207	Hydraulic & Pneumatic Systems	2	_____	_____
AVMT 208	Airframe Assembly & Inspection	3	_____	_____
AVMT 209	Landing Gear Systems	1	_____	_____
AVMT 213	Powerplant Fuel Systems	2	_____	_____
AVMT 214	Engine Electrical Systems	3	_____	_____
AVMT 215	Powerplant Lubrication Systems	1	_____	_____
AVMT 217	Powerplant Auxiliary Systems I	1	_____	_____
AVMT 219	Powerplant Auxiliary Systems II	1	_____	_____
AVMT 221	Propeller Systems	1	_____	_____
AVMT 312	Reciprocating Engine Technology	3	_____	_____
AVMT 320	Turbine Engine Technology	3	_____	_____
AVMX 418	Principles of Troubleshooting	3	_____	_____
AVMX 428	Advanced Electronics	3	_____	_____
<b>Cognate (15 hours)</b>				
AVIA 323	UAS Avionics & Powerplants	3	_____	_____
AVIA 335	Medium UAS Ground & Flight I	3	_____	_____
AVIA 446	Medium UAS Ground & Flight II	3	_____	_____
AVIA 447	Medium UAS Ground & Flight III	3	_____	_____
AVMX 445	Medium UAS Maintenance I	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

128 Total Hours

2.0 Overall grade point average

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

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

46% Of major and cognate taken through Liberty University

30 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**

<u>First Semester</u>		<u>Second Semester</u>	
BIBL 105	2	BIBL 110	2
ENGL 101	3	INQR 101	1
THEO 201	2	THEO 202	2
UNIV 101	1	Information Literacy Elective <sup>1</sup>	3
Communications Elective <sup>1</sup>	3	Natural Science Elective <sup>1</sup>	3
Math Elective <sup>1</sup> [MATH 201]	3	AVIA 102	3
Technology Competency <sup>2</sup>	0-3	CSER	<u>0</u>
CSER	<u>0</u>	Total	14
Total	14-17		

**SOPHOMORE YEAR**

AVMT 101	1	AVMT 205 <sup>3</sup>	1
AVMT 102	3	AVMT 204 <sup>4</sup>	3
AVMT 103	1	AVMT 207 <sup>4</sup>	2
AVMT 104	3	AVMT 203	1
AVMT 105	1	AVMT 206	3
AVMT 106	3	AVMT 208	3
AVMT 201	1	AVMT 217	1
AVMT 202	3	AVMT 219	1
AVMT 209	1	AVMT 221	1
CSER	<u>0</u>	CSER	<u>0</u>
Total	17	Total	16

**SUMMER SEMESTER**

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

**JUNIOR YEAR**

RLGN 105	2	EVAN 101	2
RSCH 201	3	Critical Thinking Elective <sup>1</sup>	3
Information Literacy Elective <sup>1</sup>	3	AVIA 300	3
Social Science Elective <sup>1</sup>	3	AVIA 460	3
AVIA 245	3	AVMX 418	3
CSER	<u>0</u>	CSER	<u>0</u>
Total	14	Total	14

**SENIOR YEAR**

Cultural Studies Elective <sup>1</sup>	3	AVIA 335	3
AVIA 323	3	AVIA 446	3
AVIA 491	3	AVMX 445	3
AVMX 428	3	Aviation Safety Elective <sup>5</sup>	3
CSER	<u>0</u>	CSER	<u>0</u>
Total	15	Total	12

**SUMMER SEMESTER**

AVIA 447	3
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**Notes**

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<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>Winter Intensive

<sup>4</sup>Spring Intensive

<sup>5</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.