

# LIBERTY

UNIVERSITY.

## ONLINE

### Bachelor of Science in Aviation

#### 2017-2018 Degree Completion Plan

**Important:** This degree plan is effective for those starting this degree program in fall 2017 through summer 2018. 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/**

**CORE COMPETENCY REQUIREMENTS (39-42 hours)**

Course		Hrs	Sem	Grade
<b>Communication (6 hours)<sup>1</sup></b>				
ENGL 101	Composition & Rhetoric	3	_____	_____
_____	Communications Elective	3	_____	_____
<b>Math, Science &amp; Technology (6-9 hours)<sup>1</sup></b>				
MATH _____	Math Elective (MATH 114 or higher)	3	_____	_____
_____	Natural Science Elective	3	_____	_____
UNIV 104	Instructional Tech. for Online Learning	0-3	_____	_____
<b>Information Literacy (6 hours)<sup>1</sup></b>				
_____	Composition Elective	3	_____	_____
_____	Information Literacy Elective	3	_____	_____
<b>Critical Thinking (9 hours)<sup>1</sup></b>				
_____	Literature OR Philosophy Elective	3	_____	_____
_____	Social Science Elective	3	_____	_____
_____	Cultural Studies Elective	3	_____	_____
<b>Christian Life &amp; Thought (12 hours)<sup>1,2</sup></b>				
BIBL 104	Survey of Old & New Testament	4	_____	_____
RLGN 104	Christian Life & Biblical Worldview	4	_____	_____
THEO 104	Introduction to Theology Survey	4	_____	_____

**Major Foundational Courses (1-7 hours)<sup>3</sup>**

Course		Hrs	Sem	Grade
MATH 201	Introduction to Probability & Statistics	3	_____	_____
PHYS 101	Elements of Physics	3	_____	_____
PHYS 103	Elements of Physics Lab	1	_____	_____

**MAJOR<sup>4,5</sup>**

Course		Hrs	Sem	Grade
<b>Core (66 hours)</b>				
AVIA 105	Aviation Survey	3	_____	_____
AVIA 211	Advanced Aviation Theory	3	_____	_____
AVIA 242	Advanced GPS Navigation	3	_____	_____
AVIA 245	Aviation Leadership	3	_____	_____
AVIA 300	Aviation Safety	3	_____	_____
AVIA 305	Airplane Aerodynamics	3	_____	_____
AVIA 310	Instrument Ground <sup>5</sup>	3	_____	_____
AVIA 315	Commercial Ground <sup>5</sup>	3	_____	_____
AVIA 320	Instrument Flight <sup>5</sup>	3	_____	_____
AVIA 325	Commercial Flight I <sup>5</sup>	3	_____	_____
AVIA 326	Commercial Flight II <sup>5</sup>	3	_____	_____
AVIA 327	Commercial Flight III <sup>5</sup>	3	_____	_____
AVIA 340	Aviation Weather	3	_____	_____
AVIA 360	Corporate & Business Aviation	3	_____	_____
AVIA 400	Aviation Human Factors	3	_____	_____
AVIA 430	Multi-Eng. Theo. & Adv. Aircraft Sys.	3	_____	_____
AVIA 455	Turbine Engines & Jet Transport	3	_____	_____
_____	_____	6	_____	_____
_____	_____	6	_____	_____
_____	_____	6	_____	_____
_____	_____	6	_____	_____
_____	_____	6	_____	_____

**FREE ELECTIVES (5-14 hours)**

Course		Hrs	Sem	Grade
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____

<p><b>Graduation Requirements</b></p> <p><b>120</b> Total Hours</p> <p><b>2.0</b> Overall grade point average</p> <p><b>30</b> Hours must be upper-level courses (300-400 level)</p> <p><b>Grade of 'C'</b> Minimum required for all upper-level courses in the major</p> <p><b>30%</b> Of major taken through Liberty University</p> <p><b>30</b> Hours must be completed through Liberty University</p> <p><b>Grad App</b> Submission of Graduation Application must be completed within the last semester of a student's anticipated graduation date</p>
---

<p><b>Notes</b></p> <p>All applicable prerequisites must be met</p> <p><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 core competency requirements</p> <p><sup>2</sup>Students transferring in 45 or more UG credit hours will have the requirement of RLGN 104 waived; Students transferring in 60 or more UG credit hours will also have the requirement of THEO 104 waived</p> <p><sup>3</sup>Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable</p> <p><sup>4</sup>Students must hold a valid Private Pilot Certificate or have completed AVIA 220 and 225 prior to enrolling in any AVIA course</p> <p><sup>5</sup>Advanced Standings awarded for FAA Certificates and Ratings</p> <p><sup>6</sup>Choose 15 hours from the following: AVIA 230, 331, 332, 350, 410, 420, 422, 435, 440, 441, BUSI 409, GLST 200, 220</p> <p><i>Suggested Course Sequence on second page</i></p>
---

## SUGGESTED COURSE SEQUENCE

### FRESHMAN YEAR

<u>First Semester</u>		<u>Second Semester</u>	
AVIA 320 [A Term]	3	AVIA 325 [A Term]	3
AVIA 105 [B Term]	3	BIBL 104 [B Term]	4
AVIA 310 [B Term]	3	PHYS 103 [B Term]	1
ENGL 101 [D Term]	3	Nat Sci Elective <sup>1</sup> [PHYS 101] [B Term]	3
UNIV 104 [D Term]	0-3	Communications Elective <sup>1</sup> [D Term]	3
Math Elective <sup>1</sup> [MATH 201] [D Term]	<u>3</u>	AVIA 315 [D Term]	<u>3</u>
Total	15-18	Total	17

### SOPHOMORE YEAR

AVIA 326 [A Term]	3	AVIA 327 [A Term]	3
AVIA 245 [B Term]	3	AVIA 242 [B Term]	3
AVIA 340 [B Term]	3	AVIA 300 [B Term]	3
RLGN 104 [D Term]	4	Composition Elective <sup>1</sup> [D Term]	3
AVIA 211 [D Term]	<u>3</u>	AVIA 360 [D Term]	<u>3</u>
Total	16	Total	15

### JUNIOR YEAR

Cultural Studies Elective <sup>1</sup> [B Term]	3	THEO 104 [B Term]	4
AVIA 400 [B Term]	3	AVIA 305 [B Term]	3
Aviation Elective <sup>2</sup> [ A, B, or D Term ]	3	Information Literacy Elective <sup>1</sup> [D Term]	3
Lit. <u>OR</u> Philosophy Elective <sup>1</sup> [D Term]	3	Social Science Elective <sup>1</sup> [D Term]	3
Aviation Elective <sup>2</sup> [A, B, or D Term]	<u>3</u>	Aviation Elective <sup>2</sup> [ A, B, or D Term ]	<u>3</u>
Total	15	Total	16

### SENIOR YEAR

AVIA 430 [B Term]	3	Elective [B Term]	3
Aviation Elective <sup>2</sup> [ A, B, or D Term ]	3	Elective [B Term]	3
AVIA 455 [D Term]	3	Elective [B Term]	3
Aviation Elective <sup>2</sup> [ A, B, or D Term ]	<u>3</u>	Elective [D Term]	3
Total	12	Elective [D Term]	<u>2</u>
		Total	14

#### 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 core competency requirements

<sup>2</sup>Choose from the following courses: AVIA 230, 331, 332, 350, 410, 420, 422, 435, 440, 441, BUSI 409, GLST 200 or 220