

# LIBERTY UNIVERSITY. ONLINE

## Bachelor of Science in Aeronautics 2016-2017 Degree Completion Plan

**Important:** This degree plan is effective for those starting this degree program in fall 2016 through summer 2017. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates. Please refer to the list of approved general education electives at [www.luonline.com/generaleducation](http://www.luonline.com/generaleducation) before enrolling in *core competency requirements* and *skills & knowledge* electives.

### CORE COMPETENCY REQUIREMENTS (27 hrs)

| Course   | Hrs | Sem   | Grade |
|--|-----|-------|-------|
| <u>Communication (6 hours)</u>                             |     |       |       |
| _____ Communications Elective                              | 3   | _____ | _____ |
| ENGL 101 Composition & Rhetoric <sup>1</sup>               | 3   | _____ | _____ |
| <u>Math, Science, &amp; Technology (9 hours)</u>           |     |       |       |
| INFT 101 Instructional Tech. for Online Learning           | 3   | _____ | _____ |
| MATH _____ Math Elective (MATH 115 or higher) <sup>2</sup> | 3   | _____ | _____ |
| _____ Natural Science Elective                             | 3   | _____ | _____ |
| <u>Information Literacy (6 hours)</u>                      |     |       |       |
| ENGL 102 Composition & Literature                          | 3   | _____ | _____ |
| _____ History Elective                                     | 3   | _____ | _____ |
| <u>Critical Thinking (6 hours)</u>                         |     |       |       |
| _____ Humanities Elective                                  | 3   | _____ | _____ |
| PHIL 201 Philosophy & Contemporary Ideas                   | 3   | _____ | _____ |
| <u>CHRISTIAN LIFE &amp; THOUGHT (9 hrs)</u>                |     |       |       |
| APOL 104 Contemporary Worldviews                           | 3   | _____ | _____ |
| BIBL 104 Survey of Biblical Literature                     | 3   | _____ | _____ |
| THEO 104 Introduction to Christian Thought                 | 3   | _____ | _____ |
| <u>SKILLS &amp; KNOWLEDGE (6 hrs)</u>                      |     |       |       |
| _____ General Education Elective                           | 3   | _____ | _____ |
| _____ Social Science Elective                              | 3   | _____ | _____ |

**Graduation Requirements**  
 120 total hours  
 30 hours of upper-level courses  
 33% of major taken through LU  
 30 hours must be completed through LU (Online and/or Residential)  
 2.0 grade point average  
 Grades of "C" or higher for upper-level courses in major  
 Submission of Graduation Application at beginning of final semester

### MAJOR (39-45 hrs)

| Course  | Hrs | Sem   | Grade        |
|---|-----|-------|--------------|
| <u>Core (39-45 hours)<sup>3</sup></u>               |     |       |              |
| AVIA 300 Aviation Safety                            | 3   | _____ | _____        |
| AVIA 305 Airplane Aerodynamics                      | 3   | _____ | _____        |
| AVIA 310 Instrument Ground <sup>4</sup>             | 3   | _____ | _____        |
| AVIA 315 Commercial Ground <sup>4</sup>             | 3   | _____ | _____        |
| AVIA 320 Instrument Flight <sup>4</sup>             | 3   | _____ | _____        |
| AVIA 325 Commercial Flight <sup>4</sup>             | 1   | _____ | _____        |
| AVIA 326 Commercial Flight II <sup>4</sup>          | 1   | _____ | _____        |
| AVIA 327 Commercial Flight III <sup>4</sup>         | 1   | _____ | _____        |
| AVIA 340 Aviation Weather                           | 3   | _____ | _____        |
| AVIA 360 Corporate & Business Aviation              | 3   | _____ | _____        |
| AVIA 400 Aviation Human Factors                     | 3   | _____ | _____        |
| AVIA 430 Multi-Engine Theory & Adv Aircraft Systems | 3   | _____ | _____        |
| AVIA 455 Turbine Engines & Jet Transport            | 3   | _____ | _____        |
| _____   |     |       | <sup>5</sup> |
| _____   |     |       | <sup>6</sup> |
| _____   |     |       | <sup>7</sup> |
| _____   |     |       | <sup>8</sup> |

### ELECTIVES (33-39 hrs)<sup>9</sup>

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

**Notes**  
<sup>1</sup>ENGL 100 (minimum grade of C) is a prerequisite for ENGL 101  
<sup>2</sup>MATH 110<sup>10</sup> (minimum grade of C) is a prerequisite for MATH 115 or higher  
<sup>3</sup>Students must hold a valid Private Pilot Certificate or have completed AVIA 220 and 225 prior to enrolling in any AVIA course.  
<sup>4</sup>Advanced Standing (22 hours) is awarded for Commercial Certificate. The following courses will be awarded: AVIA 310, 315, 320, 325, 326 & 327.  
<sup>5</sup>Choose from the following: AVIA 420, BUSI 343 or 352  
<sup>6</sup>Choose from the following: AVIA 422, BUSI 310 or 409  
<sup>7</sup>Choose from the following: AVIA 440 or GOVT 220  
<sup>8</sup>Choose from the following: AVIA 441, BUSI 340 or 354  
<sup>9</sup>If one credit Core Elective is chosen student may need to take more elective courses to meet the minimum number of credits required for the degree.  
<sup>10</sup>MATH 100 (minimum grade of C) is a prerequisite for MATH 110

## SUGGESTED COURSE SEQUENCE

### FIRST YEAR

| First Semester (Fall)               |          | Second Semester (Spring)       |          | Third Semester (Summer)        |          |
|-------------------------------------|----------|--------------------------------|----------|--------------------------------|----------|
| UNIV 104 (B-Term) <sup>1</sup>      | 3        | BIBL 104 (B-Term)              | 3        | AVIA 320 (A-Term) <sup>1</sup> | 3        |
| MATH Elective <sup>1</sup> (B-Term) | 3        | APOL 104 (B-Term) <sup>1</sup> | 3        | AVIA 340 (B-Term)              | 3        |
| Elective (A/B-Term)                 | 3        | Elective (A/B-Term)            | 3        | AVIA 310 (B-Term)              | 3        |
| ENGL 101 (D-Term)                   | 3        | ENGL 102 (D-Term)              | 3        | THEO 104 (D-Term)              | 3        |
| THEO 104(D-Term) <sup>1</sup>       | <u>3</u> | COMS Elective (D-Term)         | <u>3</u> | AVIA 300 (D-Term) <sup>1</sup> | <u>3</u> |
| Total                               | 15       | Total                          | 15       | Total                          | 15       |

### SECOND YEAR

|                                |          |                                |          |                                |          |
|--------------------------------|----------|--------------------------------|----------|--------------------------------|----------|
| AVIA 325 (A-Term) <sup>1</sup> | 1        | AVIA 326 (A-Term) <sup>1</sup> | 1        | AVIA 327 (A-Term) <sup>1</sup> | 1        |
| AVIA 305 (B-Term)              | 3        | Natural Sci. Elective (B-Term) | 3        | AVIA 400 (B-Term) <sup>1</sup> | 3        |
| AVIA 315 (B-Term) <sup>1</sup> | 3        | AVIA 360 (B-Term) <sup>1</sup> | 3        | Elective (B-Term)              | 3        |
| Com. Elective (D-Term)         | 3        | Elective (D-Term)              | 3        | PHIL 201 (D-Term)              | 3        |
| Elective (D-Term)              | <u>3</u> | Elective (D-Term)              | <u>3</u> | AVIA 455 (D-Term) <sup>1</sup> | <u>3</u> |
| Total                          | 13       | Total                          | 13       | Total                          | 13       |

### THIRD YEAR

|                                |          |                                       |            |                                       |            |
|--------------------------------|----------|---------------------------------------|------------|---------------------------------------|------------|
| History Elective (B-Term)      | 3        | Social Science Elective (B-Term)      | 3          | General Ed. Elective (B-Term)         | 3          |
| AVIA 430 (B-Term) <sup>1</sup> | 3        | Core Elective (B-Term) <sup>3,4</sup> | 1-3        | Core Elective (B-Term) <sup>3,6</sup> | 1-3        |
| Elective (B-Term)              | 3        | Core Elective (D-Term) <sup>3,5</sup> | 3          | Core Elective (D-Term) <sup>3,7</sup> | 1-3        |
| Humanities Elective (D-Term)   | <u>3</u> | Elective (D-Term)                     | <u>3-5</u> | Elective (D-Term)                     | <u>3-7</u> |
| Total                          | 12       | Total                                 | 12         | Total                                 | 12         |

#### Notes

<sup>1</sup>Students must hold a valid Private Pilot Certificate or have completed AVIA 220 and 225 prior to enrolling in any AVIA course.

<sup>2</sup>MATH 115 or higher

<sup>3</sup>If one credit course is chosen student may need to take more elective courses to meet the minimum number of credits required for the degree.

<sup>4</sup>Choose from the following: AVIA 420, BUSI 343 or 352

<sup>5</sup>Choose from the following: AVIA 422, BUSI 310 or 409

<sup>6</sup>Choose from the following: AVIA 440 or GOVT 220

<sup>7</sup>Choose from the following: AVIA 441, BUSI 340 or 354

**Suggested course sequencing for Liberty University Online students may change depending on transfer credit. Please contact an Admissions Specialist or Academic Advisor for assistance at (800) 424-9595.**