

**Baylor University - Aviation Sciences**  
**Suggested Four Year Program Planner**  
**PROFESSIONAL PILOT - HELICOPTER**

| <b>FIRST YEAR</b> |             |    |                      |                                 |    |                        |                                 |     |
|-------------------|-------------|----|----------------------|---------------------------------|----|------------------------|---------------------------------|-----|
| Summer            | Course name | cr | Fall                 | Course name                     | cr | Spring                 | Course Name                     | cr  |
|                   |             |    |                      |                                 |    | CHA 1088               | Chapel Forum                    | --- |
|                   |             |    | AVS 1300 (fall only) | Intro to Aviation               | 3  | MTH 1321               | Calculus I                      | 3   |
|                   |             |    | AVS 1301 (fall only) | Air Navigation                  | 3  | HIS 1300               | The United States in Global ... | 3   |
|                   |             |    | AVS 1313 (fall only) | Intro to Meteorology            | 3  | AVS 3315 (spring only) | Aviation Meteorology            | 3   |
|                   |             |    | AVS 1302 (fall only) | Private Pilot Ground School     | 3  | AVS 1303               | Instrument Ground School        | 3   |
|                   |             |    | AVS 1361 *           | Private Pilot Helicopter Flight | 3  | AVS 2362 *             | Inst/Com I Helicopter Flt       | 3   |
|                   |             |    |                      |                                 |    |                        |                                 |     |
|                   |             |    |                      |                                 |    |                        |                                 |     |
|                   |             |    |                      |                                 |    |                        |                                 |     |
|                   |             |    |                      |                                 |    |                        |                                 |     |
|                   |             |    | Total credits        |                                 | 15 |                        | Total credits                   | 15  |

| <b>SECOND YEAR</b> |             |    |                       |                            |               |                  |                             |    |
|--------------------|-------------|----|-----------------------|----------------------------|---------------|------------------|-----------------------------|----|
| Summer             | Course name | cr | Fall                  | Course Name                | cr            | Spring           | Course name                 | cr |
|                    |             |    | Foreign Language      | (1st course 3 or 4 hours)  | 4             | Foreign Language | (2nd course 3 or 4 hrs)     | 4  |
|                    |             |    | Communication & Media | <i>Chosen from list †</i>  | 3             | AVS 3304         | Fundamentals of Instruction | 3  |
|                    |             |    | MTH 1322/STA 2381     | Calculus II / Statistics   | 3             | Research Writing | <i>Chosen from list †</i>   | 3  |
|                    |             |    | AVS 2304              | Commercial Ground School   | 3             | Fine Arts        | <i>Chosen from list †</i>   | 3  |
|                    |             |    | AVS 2363 *            | Inst/Com II Helicopter Flt | 3             | AVS 3364 *       | CFI Helicopter Flight       | 3  |
|                    |             |    |                       |                            |               |                  |                             |    |
|                    |             |    |                       |                            |               |                  |                             |    |
|                    |             |    | Total credits         | 0                          | Total credits | 16               | Total credits               | 16 |

| <b>THIRD YEAR</b> |             |    |                      |                                |               |                           |                            |    |
|-------------------|-------------|----|----------------------|--------------------------------|---------------|---------------------------|----------------------------|----|
| Summer            | Course name | cr | Fall                 | Course name                    | cr            | Spring                    | Course name                | cr |
|                   |             |    | AVS 3311 (fall only) | Accident Investigation & Prev. | 3             | ENG 2310                  | American Literary Cultures | 3  |
|                   |             |    | REL 1310             | Christian Scriptures           | 3             | AVS Elective <sup>1</sup> | AVS Elective (1 of 5)      | 3  |
|                   |             |    | PHY 1408/1420        | Physics Nat Behavior Sci I     | 4             | AVS 3312 (spring only)    | Aviation Safety            | 3  |
|                   |             |    | Foreign Language     | (3 hrs if needed)              |               | Engaged Learning          | <i>Chosen from list †</i>  | 1  |
|                   |             |    | AVS 3305             | Instructor Ground School       | 3             | REL 1350                  | Christian Heritage         | 3  |
|                   |             |    | AVS 4265 *           | CFI-I Helicopter Flight        | 2             | AVS 4266 *                | NVG Helicopter Flight      | 2  |
|                   |             |    |                      |                                |               |                           |                            |    |
|                   |             |    | Total credits        | 0                              | Total credits | 15                        | Total credits              | 15 |

| <b>FOURTH YEAR</b> |             |    |                           |                           |               |                           |                           |    |
|--------------------|-------------|----|---------------------------|---------------------------|---------------|---------------------------|---------------------------|----|
| Summer             | Course name | cr | Fall                      | Course name               | cr            | Spring                    | Course name               | cr |
|                    |             |    | PSC 1387                  | American Constitution     | 3             | Literature in Context     | <i>Chosen from list †</i> | 3  |
|                    |             |    | Scientific Method II      | <i>Chosen from list †</i> | 3             | AVS 4314 (spring only)    | Advanced Aircraft Systems | 3  |
|                    |             |    | AVS 3310 (fall only)      | Aviation Law              | 3             | AVS 4315 (spring only)    | Aerodynamics for Flight   | 3  |
|                    |             |    | Contemp. Social Issues    | <i>Chosen from list †</i> | 3             | AVS Elective <sup>1</sup> | AVS Elective (4 of 5)     | 3  |
|                    |             |    | AVS Elective <sup>1</sup> | AVS Elective (2 of 5)     | 3             | AVS Elective <sup>1</sup> | AVS Elective (5 of 5)     | 3  |
|                    |             |    | AVS Elective <sup>1</sup> | AVS Elective (3 of 5)     | 3             |                           |                           |    |
|                    |             |    |                           |                           |               |                           |                           |    |
|                    |             |    | Total credits             | 0                         | Total credits | 18                        | Total credits             | 15 |

**Notes:**

Please be advised that Fall-only courses Spring-only courses are only available in the semesters listed.

<sup>1</sup> Selected from AVS 3320, 3350, 3370, 4376, 4390, and either 4237 or 4238

† Chosen from a list of qualifying courses

\* Extra flight fees apply

Credits to complete the BSA 125