

Minimum required: 120 semester credit hours

Admission Requirements

The Bachelor of Applied Arts and Sciences (BAAS) Major in Aviation Science is a partnership between Texas State University and Coast Flight Training. Admission is competitive, and additional fees and criteria apply to those who are admitted. There is no assured admission. To be admitted, applicants must be accepted by Texas State University and Coast Flight Training, and applicants must also satisfy all relevant Federal Aviation Administration expectations and requirements.

General Requirements

The program can be completed at the San Marcos Campus (SM) and Round Rock Campus (RRC).

1. This major requires an individualized plan of study based on each student's past learning experiences and future career goals.
2. Submitting application materials (including medical examinations) does not guarantee admission to the program.
3. If two years of the same modern language are taken in high school, then no additional language hours will be required for the degree. In the absence of modern language taken in high school, then two semesters of the same modern language (1410 and 1420) must be taken at the college level, and the requirement will be added to the student's degree audit.
4. Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
5. Nine semester credit hours must be writing intensive (WI).
6. The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (<http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.
7. Students will not be allowed to register for flight-based and non-flight aviation courses until they have completed all FAA regulated 1st class medical examinations and provided proof of government IDs, and documentation of flight hours (if applicable). Results must be submitted to Coast Flight via DocuSign and verified by Coast Flight and Texas State prior to registration.
8. The list of Aviation Science courses below are field work courses:

| Code | Title | Hours |
|----------|---|-------|
| CTE 3360 | Private Aircraft Operations | 3 |
| CTE 3361 | Instrument Flight Rules for Aviation | 3 |
| CTE 3362 | Theory of Commercial Flight | 3 |
| CTE 3365 | Theory of Commercial Flight II | 3 |
| CTE 3363 | Principles and Methods of Flight Instruction | 3 |
| CTE 3366 | Principles and Methods of Flight Instruction II | 3 |
| CTE 3364 | Theory of Multi-Engine Aircraft Operations | 3 |

Course Requirements

| | | Freshman | |
|---|---|----------------------|-----------------------|
| | | First Semester Hours | Second Semester Hours |
| US 1100 | 1 Component Area Option Codes 090, 091, 092, 093 and 094 | | 3 |
| Communication Component Code 010 | 3 Mathematics Component Code 020 | | 3 |
| Creative Arts Component Code 050 | 3 POSI 2310 (Government/ Political Science Component Code 070 [TCCN GOVT 2306]) | | 3 |
| Social and Behavioral Sciences Component Code 080 | 3 CTE 3660 ² | | 6 |
| CTE 3367 ² | 3 | | |
| CTE 4323 ² | 3 | | |
| | 16 | | 15 |

| | | Sophomore | |
|---|--|----------------------|-----------------------|
| | | First Semester Hours | Second Semester Hours |
| Communication Component Code 010 | 3 Language, Philosophy, and Culture Component Code 040 | | 3 |
| Component Area Option Codes 090, 091, 092, 093 and 094 | 3 Life and Physical Sciences Component Code 030 | | 3 |
| POSI 2320 (Government/ Political Science Component Code 070 [TCCN GOVT 2305]) | 3 American History Component Code 060 | | 3 |
| CTE 3361 ² | 3 CTE 3362 ² | | 3 |
| CTE 4321 ² | 3 CTE 4320 ² | | 3 |
| | 15 | | 15 |

| | | Junior | |
|---|-------------------------------|----------------------|-----------------------|
| | | First Semester Hours | Second Semester Hours |
| CTE 3370 | 3 CTE 3363 ² | | 3 |
| OCED 3310 | 3 CTE 4322 ² | | 3 |
| American History Component Code 060 | 3 Open Electives ¹ | | 10 |
| Life and Physical Sciences Component Code 030 | 3 | | |
| CTE 3365 ² | 3 | | |
| | 15 | | 16 |

| | | Senior | |
|-----------------------------|--------------------------------|----------------------|-----------------------|
| | | First Semester Hours | Second Semester Hours |
| Open Electives ¹ | 13 Open Electives ¹ | | 3 |
| CTE 3366 ² | 3 OCED 4360 ³ | | 3 |
| | OCED 4361 ³ | | 3 |
| | CTE 3364 | | 3 |
| | 16 | | 12 |

Total Hours: 120

¹ This degree requirement may be satisfied through a number of options including traditional course work from Texas State University and transfer credit from accredited institutions of higher education plus

limited numbers of hours from non-traditional methods including correspondence, extension, and forms of testing including CLEP and DSST, and PLA prior learning assessment.

² Major courses in Aviation Science. This module of 39 advanced semester credit hours constitutes the major for GPA calculation purposes.

³ Capstone Experience: This capstone experience is completed prior to the student's final semester or during the last semester. Students must enroll in both OCED 4360 and OCED 4361 in the same long semester. Students who earn credit in OCED 4360 and do not successfully earn credit for OCED 4361 must repeat both courses the following long semester.

| Code | Title | Hours |
|--|---|-----------|
| Required Professional Courses in Aviation Science | | |
| CTE 3660 | Private Aircraft Operations | 6 |
| CTE 3361 | Instrument Flight Rules for Aviation | 3 |
| CTE 3362 | Theory of Commercial Flight | 3 |
| CTE 3363 | Principles and Methods of Flight Instruction | 3 |
| CTE 3364 | Theory of Multi-Engine Aircraft Operations | 3 |
| CTE 3365 | Theory of Commercial Flight II | 3 |
| CTE 3366 | Principles and Methods of Flight Instruction II | 3 |
| CTE 3367 | Aerodynamics | 3 |
| CTE 3370 | Introduction to Leadership | 3 |
| CTE 4320 | Aviation Safety | 3 |
| CTE 4321 | Operations Risk Management | 3 |
| CTE 4322 | Crew Resource Management | 3 |
| CTE 4323 | Aviation Weather | 3 |
| Total Hours | | 42 |