

Bachelor of Science in Aviation Sciences - Aviation Administration Concentration (BIC)

A Suggested Sequence of Required Courses (2018-2019 Catalog)

F r e s h m a n Y e a r

Fall	Spring
_____ 0 Chapel (CHA 1088)	_____ 0 Chapel (CHA 1088)
_____ 3 BIC 1314 World Cultures I	_____ 3 MTH 1321 Calculus I
_____ 4 BIC 1413 Rhetoric II	_____ 3 BIC 1324 World Cultures II
_____ 3 AVS 1300 Intro to Aviation	_____ 3 BIC 1323 Rhetoric II
_____ 2 BIC 1212 Examined Life I	_____ 3 BUS 1305 Software Applications
_____ 3 LDS 1301 Intro to Leadership	_____ 3 ECO 1305 Principles of Economics
Total: 16	Total: 15

S o p h o m o r e Y e a r

Fall	Spring
_____ 3 BIC 2330 Social World I	_____ 3 BIC 2340 Social World II
_____ 3 BIC 2334 World Cultures III	_____ 3 BIC 2344 World Cultures IV
_____ 4 Foreign Language	_____ 4 Foreign Language
_____ 3 STA 1380 Elementary Statistics	_____ 3 ACC 2301 Principles of Accounting
_____ 3 AVS 1313 Intro to Meteorology	_____ 3 AVS 3315 Adv. Aviation Meter.
Total: 16	Total: 16

J u n i o r Y e a r

Fall	Spring
_____ 3 MGT 3305 Principles of Management	_____ 3 MGT 4305 Principled Leadership
_____ 3 ENG 3300 Professional Writing	_____ 3 BIC 3358 Biblical Heritage/Ethics
_____ 1 Lifetime Fitness	_____ 3 AVS 4310 Aviation Management
_____ 3 AVS 3311 Meterology	_____ 3 Advanced hour AVS elective
_____ 3 AVS 3310 Aviation Law	_____ 3 Psy/Soc 1305
Total: 13	Total: 15

S e n i o r Y e a r

Fall	Spring
_____ 3 AVS 3370 Aviation Leadership	_____ 3 Advanced elective
_____ 3 Advanced hour AVS elective	_____ 3 Advanced hour AVS elective
_____ 3 MGT 4320 Conflict Resolution	_____ 3 MGT 4336 or Elective
_____ 4 Lab Science	_____ 3 AVS 4375 Crew Resource Management
_____ 1 Lifetime Fitness	_____ 4 Lab Science (see degree audit)
Total: 14	Total: 16

All students must graduate with a minimum of 124 hours, 36 of which must be at the 3000/4000 level.

Notes about major requirements:

- Baylor Institute for Air Sciences offers a four-year undergraduate program developed specifically for people who wish to pursue careers in aviation. Each graduating student will receive a Bachelor of Science in Aviation Sciences in one of three concentrations: Professional Pilot, Aircraft Dispatch, or Air Traffic Control.
- Professional Pilot: Students will have flying qualifications to the Commercial Pilot level (including instrument rating and multi-engine rating), along with a Certified Flight Instructor (CFI) license. Aircraft Dispatch: Students will have complete the necessary requirements to complete the FAA Dispatch Written Exam and the oral practical exam. Successful completion of these exams leads to FAA Aircraft Dispatcher certification. Air Traffic Control: The Air Traffic Control concentration is for students wanting a career as an Air Traffic Controller. In order to meet the requirements for the FAA's Air Traffic Collegiate Training Initiative Program and be eligible to become an FAA Air Traffic Controller, students must obtain an Associate's Degree from TSTC (requirements for the TSTC degree can be met by taking the classes required for the Baylor degree). In order to meet the FAA's age requirements, students in the Air Traffic Control Concentration should graduate by age 29.
- This program is offered in conjunction with the Texas State Technical College (TSTC) at Waco, and those students who complete their flight training and ground school at TSTC may also gain an associate's degree in Aircraft Pilot Training.
- Not all classes are offered every semester, therefore, the AVS and AIRP classes are listed under the particular fall or spring semesters they are offered.
- TSTC - these classes will be taken at the TSTC campus.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.
- For more information, see the undergraduate catalog.