

## Bachelor of Science in Aviation Sciences

*A Suggested Sequence of Required Courses (2012-2013 Catalog)*

F r e s h m a n Y e a r			
Fall		Spring	
_____ 0	Chapel (CHA 1088)	_____ 0	Chapel (CHA 1088)
_____ 3	MTH 1321 (see reverse)	_____ 3	REL 1310
_____ 3	<b>AVS 1300</b>	_____ 3	ENG 1302
_____ 2	<b>AIRP 1215*</b> (See TSTC below)	_____ 3	MTH 1322 or STA 2381
_____ 3	<b>AIRP 1301</b> (See TSTC below)	_____ 4	<b>AIRP 1451</b> (See TSTC below)
_____ 4	<b>AIRP 1417</b> (See TSTC below)	_____ 3	<b>AIRP 2331</b> (See TSTC below)
Total: 15		Total: 16	
S o p h o m o r e Y e a r			
Fall		Spring	
_____ 4	CHE 1301/1101 (see reverse)	_____ 3	CSS 1301 or 1302
_____ 3	HIS 1305	_____ 3	HIS 1307
_____ 3	ENG 3300	_____ 3	REL 1350
_____ 3	<b>AVS 3311</b>	_____ 3	PSY 1305
_____ 2	<b>AIRP 2250*</b> (See TSTC below)	_____ 3	<b>AVS 3315</b>
		_____ 2	<b>AIRP 1255*</b> (See TSTC below)
Total: 15		Total: 17	
S u m m e r			
First		Second	
_____ 4	Foreign Language (see reverse)	_____ 4	Foreign Language (see reverse)
_____ 3	<b>AIRP 2333</b> (See TSTC below)		
Total: 7		Total: 4	
J u n i o r Y e a r			
Fall		Spring	
_____ 3	ENG 2301	_____ 4	PHY 1408 or 1420
_____ 3	Advanced Elective	_____ 3	ENG 2306 or 2000 level GTX
_____ 1	HP	_____ 3	CSI 3303 (spring only)
_____ 3	<b>AVS 4315</b>	_____ 3	Advanced Elective
_____ 3	<b>AIRP 2337</b> (See TSTC below)	_____ 1	HP
_____ 2	<b>AIRP 2239*</b> (See TSTC below)	_____ 3	<b>Advanced hour AVS elective</b>
Total: 15		Total: 17	
S e n i o r Y e a r			
Fall		Spring	
_____ 3	<b>AVS 3310</b>	_____ 3	<b>AVS 4314</b>
_____ 3	<b>Advanced hour AVS elective</b> (fall only)	_____ 3	<b>Advanced hour AVS elective</b>
_____ 2	<b>AIRP 2251*</b> (See TSTC below)	_____ 2	<b>AIRP 2236*</b> (See TSTC below)
_____ 3	PSC 2302	_____ 3	<b>AIRP 2349</b> (See TSTC below)
_____ 1	HP	_____ 1	HP
Total: 12		Total: 12	

*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 and will have earned their Commercial Pilot License with Multi-engine and Instrument Ratings, along with a Certified Flight Instructor License.
- 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.
- \* - the asterisk denotes flying classes (special flight fees apply)
- 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.

**Please see reverse side for important information on general requirements.**

**Notes about General Requirements:**

- Course selection is subject to availability within each semester.
- Please keep in mind that this is only a suggested sequence. Actual sequence will vary according to possible second major, minor, other program of study (including pre-health), and individual circumstances (ex., transfer credit, dual credit, and credit by exam).
- In order to complete your degree, you must fulfill all requirements in your major and general requirements for the Bachelor of Science; refer to your audit for specific details.
- To complete a double major, you may not count any courses toward both majors.
- For more specific information on general requirements, see your undergraduate catalog.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

**Foreign Language:**

- **Option A:** One modern language through 1402 level:  
Arabic, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, and Swahili
- **Option B:** One classical language through 1302 or 1402 level:  
Latin, Greek, Hebrew (If available, Akkadian, Aramaic, Syriac, and/or Ugaritic may be used)

**Math:** You may need to take MTH 1304 (Pre-Cal) as a prerequisite to MTH 1321 (Calculus) if you do not already have an equivalent credit for Pre-Cal or cannot register for Calculus based on SAT/ACT scores. You will need to contact the Math Department (254-710-3561) about the Math Placement Exam (MPE) if you cannot register for MTH 1321 based on any of the above methods of entrance.

**Biology/Chemistry Prerequisite Policies:**

- **Biology:** In order to register for BIO 1305 and 1306 students must have either a satisfactory math score on the ACT or SAT OR have completed MTH 1304 (Pre-Calculus) with a grade of B or better.
- **Chemistry:** In order to register for CHE 1301 students must have either a satisfactory math score on the ACT or SAT or have a minimum grade of B in CHE 1300 AND a minimum grade of B in either MTH 1304 (Pre-Calculus) or MTH 1321 (Calculus).