



# Aviation Administration Major

## **Bachelor of Science in Aviation Sciences – Aviation Administration**

The Aviation Administration Major of the Bachelor of Science in Aviation Sciences degree is for students wanting a career in the business side of the aviation industry. This major combines aviation courses with courses from Baylor's Hankamer School of Business.

**Bachelor of Science in Aviation Sciences – Aviation Administration.....126 hrs total**

**I. Basic Requirements.....52 to 53 hrs**

**A. Chapel (CHA)**

- Two semesters of CHA 1088 (no credit hours)

**B. Cultural Events Experience (CEE)**

- Four semesters of CEE 1001 (no credit hours)

**C. English (ENG) - 3 hrs**

- ENG 2310 American Literary Cultures

**D. History (HIS) - 3 hrs**

- HIS 1300 The United States in Global Perspective

**E. Political Science (PSC) - 3 hrs**

- PSC 2302 The US Constitution

**F. Religion (REL) - 6 hrs**

- REL 1310 Christian Scriptures
- REL 1350 Christian Heritage

**G. Courses Selected from Distribution Lists - 22 hrs**

- Communications and Media Literacy – 3 hrs
- Contemporary Social Issues – 3 hrs
- Fine Arts and Performing Arts – 3 hrs
- Formal Reasoning – met in Sec III
- Literature in Context – 3 hrs
- Research Writing – 3 hrs
- Scientific Method I: Course with Lab Experience – 4 hrs
- Scientific Method II: Grand Challenges in Science – 3 hrs

**H. Foreign Language and Culture - 8 to 9 hrs**

- **OPTION ONE:** (two courses) 8 hours selected from intensive language courses in German or Spanish (both courses must be from the same language and both must be completed in residence): 1412 and 2412.
- **OPTION TWO:** (three courses)
  - 3 hours from: 2310 level course (or equivalent) from Arabic, Chinese, French, German, Greek, Hebrew, Italian, Japanese, Korean, Latin, Portuguese, Russian, Spanish, or Swahili
  - 6 additional hours from the Foreign Language and Culture distribution list.
- **OPTION THREE:** (three courses)
  - 6 hours from 1302 courses from Latin, Greek, Hebrew, or Aramaic
  - 3 additional hours from the Foreign Language and Culture distribution list.

**I. Lifetime Fitness (LF) - 1 hr**

- Any activity course

**J. Electives - 6 hrs**

**II. Aviation Science (AVS) courses.....44 hrs**

**A. Required Courses - 35 hrs**

- AVS 1300 Introduction to Aviation
- AVS 1301 Air Navigation
- AVS 1313 Introduction to Meteorology
- AVS 1417 Private Pilot Ground School
- AVS 1451 Instrument Ground School
- AVS 3310 Aviation Law
- AVS 3311 Aircraft Accident Investigation and Prevention
- AVS 3315 Aviation Meteorology
- AVS 3370 Aviation Leadership
- AVS 4310 Aviation Management
- AVS 4375 Crew Resource Management

**B. Elective Courses - 9 hrs (Choose 3 courses)**

- AVS 3350 Introduction to Space Weather
- AVS 4305 Special Topics in Aviation
- AVS 4314 Advanced Aircraft Systems
- AVS 4318 Avionics Systems Design (ELC 4318)
- AVS 4323 The Environment and Economic Analysis (ENV 4323)
- AVS 4377 Airport Management
- AVS 4386 Remote Sensing (GEO 4386)
- AVS 4390 Internship in Aviation
- AVS 4315 Aerodynamics
- AVS 4485 Introduction to Geographic Information Systems (GEOG 4485)
- AVS 4487 Advanced GIS Analysis (GEOG 4487)

**III. Business Courses.....20 hrs**

- BUS 1201 Business, the Economy, and World Affairs
- BUS 1305 Introduction to Information Technology & Processing
- ECO 1305 Issues in Economics
- ACC 2301 Survey of Accounting
- MGT 3305 Organizational Behavior
- MGT 4320 Negotiating and Conflict Resolution
- MGT 4305 Principled Leadership

**IV. Required courses in other fields.....9 hrs**

- LDS 1301 Introduction to Leadership
- MTH 1321 Calculus I
- STA 1380 Elementary Statistics