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