



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.....124 hrs total

I. Basic Requirements.....46 hrs (minimum)

A. Chapel

- Two semesters of CHA 1086, 1087, 1088, 1090, or 1091 (no credit hours)

B. Creative Arts Experience

- Attend 12 events (no credit hours)

C. English – 3 hrs

- ENG 2310 American Literary Cultures

D. History – 3 hrs

- HIS 1300 The United States in Global Perspective

E. Political Science – 3 hrs

- PSC 1387 The US Constitution

F. Religion – 6 hrs

- REL 1310 Christian Scriptures
- REL 1350 Christian Heritage

G. Courses Selected from Distribution Lists – 23 to 25 hrs

- Communication and Media Literacy – 3 hrs
- Contemporary Social Issues – 3 hrs
- Engaged Learning – 1 to 3 hrs
- Fine Arts & Performing Arts – 3 hrs
- Formal Reasoning – met in Sec IV

- 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 12 hrs

- OPTION ONE: (two courses – 8 hrs)
 - Complete intensive language courses 1412 and 2412 in German or Spanish
 - Both courses must be from the same language and both must be completed in residence
- OPTION TWO: (three courses – 9 hrs)
 - Complete one Modern or Classical language through third-semester level (2310)
 - Choose from Arabic, Chinese, French, German, Greek, Hebrew, Italian, Japanese, Korean, Latin, Portuguese, Russian, Spanish, or Swahili
 - 6 hours must be in residence
- OPTION THREE: (four courses – 12 hrs)
 - Complete two Classical languages (Greek, Latin, Hebrew) 1301 and 1302
 - 6 hours must be in residence

II. Aviation Science (AVS) courses.....45 hrs

A. Required Courses - 36 hrs

- AVS 1300 Introduction to Aviation
- AVS 1301 Air Navigation
- AVS 1302 Private Pilot Ground School
- AVS 1303 Instrument Ground School
- AVS 1313 Introduction to Meteorology
- AVS 3310 Aviation Law
- AVS 3311 Aircraft Accident Investigation and Prevention
- AVS 3312 Aviation Safety
- AVS 3315 Aviation Meteorology
- AVS 3370 Aviation Leadership
- AVS 4376 Aviation Management
- AVS 4377 Airport Management

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

- AVS 3350 Introduction to Space Weather
- AVS 4305 Special Topics in Aviation
- AVS 4323 The Environment and Economic Analysis (ENV 4323)
- AVS 4375 Crew Resource 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.....24 hrs

- BUS 1305 Software Applications for Business Productivity and Decision Making
- ECO 1305 Issues in Economics for Non-Business Majors
- ACC 2301 Survey of Accounting
- MGT 3301 Managing People in Organizations
- MKT 3301 Marketing Concepts
- BUS 3302 Personal Financial Decisions
- ENT 3315 Starting and Managing a Business
- ENT 4325 Entrepreneurial Leadership

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

- Computer Science (CSI) 3303 or 3305 or 4301 Information Technology
- Math (MTH) 1321 Calculus I (Prereq: Grade of B or better in MTH 1320 or a score of 80 or better on the ALEKS)
- Statistics (STA) 1380 Elementary Statistics