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.................................................................................................................................40 to 45 hrs

A. English Requirements (ENG) - 12 hrs

- ENG 1302 Thinking & Writing or FAS 1302 Freshman Academic Seminar
- ENG 3300 Technical and Professional Writing (Prereq: ENG/FAS 1302)
- ENG 2301 British Literature (Prereq: ENG/FAS 1302 and ENG 1304/3300)
- ENG 2306 World Literature or ENG 2304 American Literature (or 3 hours of “2000” level or above Great Texts (GTX)) (Prereq: ENG/FAS 1302 and ENG 1304/3300)

B. Foreign Language - 3 to 8 hrs

- Any foreign language through two semesters or above. A placement test may be taken to place out of one semester, with only the second 4 hr course needing to be taken OR a proficiency exam may be taken for a fee to place out of both semesters. The proficiency exam will count as a 3 hr credit.

C. Political Science (PSC) - 3 hrs

- PSC 2302 American Constitutional Development

D. Religion (REL) - 6 hrs

- REL 1310 Christian Scriptures
- REL 1350 Christian Heritage or FAS 1308 Freshman Academic Seminar: Religion OR
- REL 1211, 1221, and 1231 Exploring Christian Narratives I - III

E. Psychology (PSY) or Sociology (SOC) - 3 hrs

- PSY 1305 Introductory Psychology
  OR
- SOC 1305 Introduction to Sociology
F. History (HIS) - 6 hrs (Choose 2 courses)

- HIS 1305 World History to 1500
- HIS 1307 World History since 1500
- HIS 2365 History of the United States to 1877
- HIS 2366 History of the United States since 1877

G. Communication Studies (CSS) - 3 hrs

- CSS 1301 Public Communication
  OR
- CSS 1302 Speech for Business/Professional Students

H. Human Performance (HP) - 4 hrs

- Any four activity courses

I. Chapel (CHA)

- Two semesters of CHA 1088 (required, but worth no credits)

II. Aviation Science (AVS) courses

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.............................................................................17 hrs

- LDS 1301 Introduction to Leadership
- MTH 1321 Calculus I
- STA 1380 Elementary Statistics
- Eight semester hours of laboratory science courses with appropriate labs.