

AVIATION SCIENCES (PROFESSIONAL PILOT - AIRPLANE), B.S.A.

Requirements for a Major in Aviation Sciences (Professional Pilot - Airplane)

Code	Title	Hours
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Seventy-three semester hours including the following:

Required Courses

AVS 1331	Private Pilot Flight	3
AVS 1332	Instrument Rating Flight	3
AVS 2333	Commercial Flight I	3
AVS 2334	Commercial Flight II	3
AVS 3236	Certified Flight Instructor - Airplane Flight	2
AVS 3235	Multi-Engine Flight	2
or AVS 4237	Certified Flight instructor - Instrument Flight	

Forty-two semester hours required from Baylor to include:

AVS 1300	Introduction to Aviation	3
AVS 1301	Air Navigation	3
AVS 1302	Private Pilot Ground School	3
AVS 1303	Instrument Rating Ground School	3
AVS 1313	Introduction to Meteorology	3
AVS 2304	Commercial Pilot Ground School	3
AVS 3304	Fundamentals of Instruction (FOI) Ground School	3
AVS 3305	Flight Instructor Ground School	3
AVS 3310	Aviation Law	3
AVS 3311	Aircraft Accident Investigation and Prevention	3
AVS 3312	Aviation Safety	3
AVS 3315	Aviation Meteorology	3
AVS 4314	Advanced Aircraft Systems	3
AVS 4315	Aerodynamics	3

Select fifteen semester hours from the following: 15

AVS 3320	Flight Crew Career Development	
AVS 3350	Space Weather	
AVS 3370	Aviation Leadership	
AVS 3235	Multi-Engine Flight	
or AVS 4237	Certified Flight instructor - Instrument Flight	
AVS 4238	Multi Engine Instructor Flight	
AVS 4306	Instructor - Instrument Ground School	
AVS 4317	Aerospace Propulsion Systems	
AVS 4318	Avionics System Design	
AVS 4375	Crew Resource Management (CRM) in Aviation	
AVS 4376	Aviation Management	
AVS 4390	Internship in Aviation	

Subtotal 73

Required Courses in Other Fields

MTH 1321	Calculus I	3
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MTH 1322	Calculus II	3
or STA 2381	Introductory Statistical Methods	
PHY 1408	General Physics for Natural and Behavioral Sciences I	4
or PHY 1420	General Physics I	
Total Hours		83