

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

or CSI 4301	Cultural Impact of the Computer
<b>Total Hours</b>	<b>83-84</b>

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

**Code Title Hours**

Seventy semester hours including the following:

### Required Courses

AVS 1361	Private Pilot Helicopter Flight	3
AVS 2362	Instrument/Commercial I Helicopter Flight	3
AVS 2363	Instrument/Commercial II Helicopter Flight	3
AVS 3364	CFI Helicopter Flight	3
AVS 4265	CFI-I Helicopter Flight	2
AVS 4266	NVG Helicopter Flight	2

Fifty-four 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 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	Advanced Aviation Meteorology	3
AVS 4314	Advanced Aircraft Systems	3
AVS 4315	Aerodynamics	3

Select fifteen hours from the following: 15

AVS 3320	Flight Crew Career Development	
AVS 3350	Space Weather	
AVS 3370	Aviation Leadership	
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 70**

### Required Courses in Other Fields

MTH 1321	Calculus I	3
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	
CSI 3303	Information Technology	3-4
or CSI 1401	Introduction to Programming I	