

# AVIATION SCIENCE MANAGEMENT (AVIATION SCIENCE MANAGEMENT CONCENTRATION), BACHELOR OF SCIENCE

The University Core Curriculum is the same across all undergraduate bachelor's programs. Please consult the academic advisor for your designated major before selecting courses in this area.

## SUMMARY

Code	Title	Hours
Core Curriculum Requirements ( <a href="https://catalog.tsu.edu/undergraduate/general-education-core-curriculum/">https://catalog.tsu.edu/undergraduate/general-education-core-curriculum/</a> )		42
<b>Major Requirements (37 hours)</b>		
AVST 101	Introduction To Aviation/History	3
AVST 120	Transportation Survey	3
AVST 201	Flight Meteorology	3
AVST 321	Air Traffic Control	3
AVST 321L	Air Traffic Control Lab	1
AVST 351	Aviation Law	3
AVST 371	Airport Management	3
AVST 381	Air Carrier Management	3
AVST 404	Flight Safety	3
AVST 409	Gen Aviation Mgmt	3
AVST 410	FAR CFR PART 139	3
AVST 412	Aviation Capstone Project	2
AVST 412L	Aviation Capstone Proj Lab	1
AVST 495	Fld Work Pract in AVS	3
<b>Other Requirements (41 hours)</b>		
ACCT 231	Principles Of Accounting I	3
BADM 230	Advanced Communication Skills	3
MATH 2312	Precalculus Math	3
MATH 2413	Calculus & Analytic Geomtry I	4
MGMT 300	Principles of Management	3
MGMT 301	Foundations of Human Res Mgmt	3
MGMT 330	Organizational Behavior	3
MGSC 239	Business Statistics I	3
ECON 2301	Principles Of Economics I	3
FS 102	Freshman Seminar/ first Year Experience	1
Electives <sup>1</sup>		12
<b>Total Hours</b>		<b>120</b>

1

Any 12 hours from the following:

- Any AVST course other than required courses
- Any MATH, MGMT, MKTG, MGSC, BADM, MSCI, ACCT course, other than required courses.

Course	Title	Hours
<b>First Year</b>		
<b>First Semester</b>		
ENGL 1301	Freshman English I	3
MATH 1314	College Algebra	3
AVST 101	Introduction To Aviation/History	3
CS 120	Introduction to Programming Using C++	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 1321 or COMM 1315	Business & Professional Comm or Public Address	3
<b>Hours</b>		<b>16</b>
<b>Second Semester</b>		
ENGL 1302	Freshman English II	3
CHEM 1311	Chemistry I	3
MATH 2312	Precalculus Math	3
MUSI 1315	Fine Arts In Daily Living	3
AVST 120	Transportation Survey	3
<b>Hours</b>		<b>15</b>
<b>Second Year</b>		
<b>Third Semester</b>		
Language, Philosophy, and Culture Requirement ( <a href="https://catalog.tsu.edu/undergraduate/general-education-core-curriculum/">https://catalog.tsu.edu/undergraduate/general-education-core-curriculum/</a> )		3
POLS 2305	American Government	3
PSYC 2301	General Psychology	3
HIST 1301	Soc & Pol Hist US to 1877	3
AVST 201	Flight Meteorology	3
<b>Hours</b>		<b>15</b>
<b>Fourth Semester</b>		
POLS 2306	Texas Government	3
HIST 1302	Soc & Pol Hist US Since 1877	3
ECON 2301	Principles Of Economics I	3
BADM 230	Advanced Communication Skills	3
PHYS 1315	Prin of Phys Sci	3
<b>Hours</b>		<b>15</b>
<b>Third Year</b>		
<b>Fifth Semester</b>		
AVST 351	Aviation Law	3
MATH 2413	Calculus & Analytic Geomtry I	4
AVST 321	Air Traffic Control	3
AVST 321L	Air Traffic Control Lab	1
AVST Elective <sup>2</sup>		3
<b>Hours</b>		<b>14</b>
<b>Sixth Semester</b>		
ACCT 231	Principles Of Accounting I	3
AVST 371	Airport Management	3
MGSC 239	Business Statistics I	3
AVST 381	Air Carrier Management	3
AVST Elective <sup>2</sup>		3
<b>Hours</b>		<b>15</b>

**Fourth Year**

**Seventh Semester**

MGMT 300	Principles of Management	3
AVST 404	Flight Safety	3
AVST 409	Gen Aviation Mgmt	3
AVST 410	FAR CFR PART 139	3
AVST 412	Aviation Capstone Project	2
AVST Elective <sup>2</sup>		3
<b>Hours</b>		<b>17</b>

**Eighth Semester**

AVST 495	Fld Work Pract in AVS	3
MGMT 301	Foundations of Human Res Mgmt	3
MGMT 330	Organizational Behavior	3
AVST Elective <sup>2</sup>		3
AVST 412L	Aviation Capstone Proj Lab	1
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

2

Any 12 hours from the following:

- Any AVST course other than required courses
- Any MATH, MGMT, MKTG, MGSC, BADM, MSCI, ACCT course, other than required courses.