

Student ID: _____
Student Name: _____
Adviser Name: _____

Catalog: 2016-2017 Catalog
Program: Aeronautical Science - Flight, B.S.
Minimum Credits Required: _____

Aeronautical Science - Flight, B.S.

Major Code: 7102	Degree Awarded: Bachelor of Science
Delivery Mode(s): Classroom, Flight	Age Restriction: No
Admission Status: Undergraduate	Location(s): Main Campus - Melbourne

The curriculum for the aeronautical science with flight major prepares the graduate for a professional pilot career in the global air commerce industry and government regulatory agencies. Graduates will achieve at least commercial pilot, instrument and multiengine ratings. They are provided a strong foundation in aeronautical science and technology, and the regulated international aviation industry.

Freshman Year

Fall (16 credit hours)

Course Name	Term Taken	Grade	Gen Ed
AVF 1001 Flight 1			
AVS 1201 Aviation Meteorology			
AVT 1001 Aeronautics 1			
COM 1101 Composition and Rhetoric			
FYE 1000 University Experience			
MTH 1000 Precalculus			

Private Pilot Written Examination

Spring (17 credit hours)

Course Name	Term Taken	Grade	Gen Ed
AVF 1002 Flight 2			
AVT 1002 Aeronautics 2			
AVT 1200 Introduction to Aircraft Systems			
COM 1102 Writing About Literature			
CSE 1301 Introduction to Computer Applications			
MTH 1603 Applied Calculus and Statistics			

Private Pilot Flight Test

Sophomore Year

Fall (16 credit hours)

Course Name	Term Taken	Grade	Gen Ed
AVF 2001 Flight 3			
AVS 2101 Aviation Physical Science			
AVT 2001 Aeronautics 3			
AVT 2303 Aviation Career Planning			
COM 2012 Research Sources and Systems			
HUM 2051 Civilization 1: Ancient Through Medieval			
PSY 1411 Introduction to Psychology			

Instrument Rating Written Examination

Instrument Rating Flight Test

Spring (12 credit hours)

Course Name	Term Taken	Grade	Gen Ed

AVM 2401 Aviation Fiscal Management			
AVS 2102 Aerodynamics			
COM 2223 Scientific and Technical Communication			
• Humanities Core Course Credit Hours: 3			

Junior Year

Fall (14 credit hours)

Course Name	Term Taken	Grade	Gen Ed
AHF 3101 Introduction to Human Factors			
AVF 2102 Flight 4 Commercial Pilot-Airplane Multiengine Land			
AVT 2002 Aeronautics 4			
• Free Elective Credit Hours: 3			
• Humanities Elective Credit Hours: 3			

Commercial Pilot Written Examination

Multiengine Commercial Pilot Flight Test

Spring (15 credit hours)

Course Name	Term Taken	Grade	Gen Ed
AVM 4301 Aviation Labor Law and Employment Standards			
AVS 3201 Aviation Meteorology 2			
AVT 4301 Aviation Safety			
COM 3070 Professional Communication for Executives			
• Free Elective Credit Hours: 3			

Senior Year

Fall (15 credit hours)

Course Name	Term Taken	Grade	Gen Ed
AVM 4303 General Aviation Operations and Management			
AVM 4501 Air Transportation Management			
AVS 4304 Aviation Security			
AVT 4201 Advanced Aircraft Systems			

Select one course:

Course Name	Term Taken	Grade	Gen Ed
AVT 3101 Instructional Techniques			
• Restricted Elective (Aviation) Credit Hours: 3			

Spring (15 credit hours)

Course Name	Term Taken	Grade	Gen Ed
AVM 4302 Aviation Law			
AVT 4202 Advanced Aircraft Operations			
AVT 4203 Airline Operations			
• Restricted Elective (Aviation) (Q) Credit Hours: 3			
• Restricted Elective (Aviation) Credit Hours: 2			

Total Credits Required: 120

Notes: