

M.S. in Space Operations

Daytona Beach Program Requirements

Core Requirements	18
Option	12
Total Credits	30

Core Requirements

MSAV 513	Space Habitation and Life Support Systems	3
MSAV 554	Project Management in Aviation/Aerospace	3
MSAV 662	Statistical Analysis for Aviation/Aerospace	3
MSAV 670	Research Methods in Aviation/Aerospace	3
SPAC 511	Geospatial Analytics	3
SPAC 512	Human Spaceflight Industry	3
Total Credits		18

Non-Thesis Option

MSAV 691	Capstone Research Project	3
Choose Three of the Following:		9
SPAC 500	Overview of the Space Ecosystem	
SPAC 505	The Launch Industry	
SPAC 510	The Satellite Communications Industry	
SPAC 515	Cybersecurity Applications in Space	
SPAC 520	Principles of Space Systems	
SPAC 525	Space Law and Policy	
Total Credits		12

Thesis Option

MSAV 700	Graduate Thesis	6
Choose Two of the Following:		6
SPAC 500	Overview of the Space Ecosystem	
SPAC 505	The Launch Industry	
SPAC 510	The Satellite Communications Industry	
SPAC 515	Cybersecurity Applications in Space	
SPAC 520	Principles of Space Systems	
SPAC 525	Space Law and Policy	
Total Credits		12

Suggested Plan of Study

Non-Thesis Option

Year One

Requirements	Credits
SPAC 511 - Geospatial Analytics	3
MSAV 554 - Project Management in Aviation/Aerospace	3
SPAC XXX Elective	3
Semester Hours	9

Requirements	Credits
SPAC 512 - Human Spaceflight Industry	3
MSAV 662 - Statistical Analysis for Aviation/Aerospace	3

SPAC XXX Elective	3
Semester Hours	9

Total Credits

Total Hours for All Requirements: 18

Year Two

Requirements	Credits
MSAV 670 - Research Methods in Aviation/Aerospace	3
MSAV 513 - Space Habitation and Life Support Systems	3
Semester Hours	6

Requirements	Credits
MSAV 691 - Capstone Research Project	3
SPAC XXX Elective	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 12

Thesis Option

Year One

Requirements	Credits
SPAC 511 - Geospatial Analytics	3
MSAV 554 - Project Management in Aviation/Aerospace	3
MSAV 662 - Statistical Analysis for Aviation/Aerospace	3
Semester Hours	9

Requirements	Credits
SPAC 512 - Human Spaceflight Industry	3
MSAV 670 - Research Methods in Aviation/Aerospace	3
SPAC XXX Elective	3
Semester Hours	9

Total Credits

Total Hours for All Requirements: 18

Year Two

Requirements	Credits
MSAV 700 - Graduate Thesis	3
MSAV 513 - Space Habitation and Life Support Systems	3
Semester Hours	6

Requirements	Credits
MSAV 700 - Graduate Thesis	3
SPAC XXX Elective	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 12