

# M.S. in Uncrewed Systems

## Core

MSA 534	Application of Uncrewed Systems or UNSY 501 Application of Uncrewed Systems	3
MSA 535	Current Issues in Uncrewed Systems or UNSY 502 Current Issues in Uncrewed Systems	3
MSA 538	Legal and Regulatory Issues in Uncrewed Systems or UNSY 503 Legal and Regulatory Issues in Uncrewed Systems	3
MSA 625	Uncrewed Systems Interoperability and Control or UNSY 606 Uncrewed Systems Interoperability and Control	3
MSA 635	Uncrewed Systems Operational Configuration or UNSY 603 Uncrewed Systems Operational Configuration	3
<b>Total Credits</b>		<b>15</b>

## Research Core

MSA 662	Statistical Analysis for Aviation/Aerospace	3
MSA 670	Research Methods in Aviation/Aerospace	3
<b>Total Credits</b>		<b>6</b>

## Research Project

### Option 1

MSA 691	Graduate Capstone Research Project	3
Open Elective (See list below)*		3

### Option 2

MSA 700	Thesis	6
<b>Total Credits</b>		<b>6</b>

## Open Elective

Open Elective*		
MSA 511	Earth Observation and Remote Sensing	
MSA 512	Space Mission and Launch Operations	
MSA 515	Aviation/Aerospace Simulation Systems	
MSA 531	Robotics and Control	
MSA 547	Leadership and Critical Decision Making in the Aviation Industry	
MSA 552	Introduction to Research Methods and Statistical Analysis	
MSA 609	Aircraft Maintenance Management	
MSA 611	Aviation/Aerospace System Safety	
MSA 619	Airport Certification and Operations Safety	
MSA 696	Graduate Internship in Aeronautical Science	

\* Open elective may be satisfied through any 500-600 level course, as approved by the program coordinator. These additional three credits could be filled with a UAS-related elective course (approved by program coordinator), an approved internship, a portion of credits from the master's thesis requirements, or an additional statistics course for students.

## UAS Program Development Specialization

MSA 624	sUAS Operational Planning and Safety Management	3
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or UNSY 620 sUAS Operational Planning and Safety Management

MSA 554	Project Management in Aviation Aerospace or ASCI 674 Project Management in Aviation/Aerospace	3
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<b>Total Credits Required</b>		<b>33</b>
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