

# MINOR IN AEROSPACE SCIENCE

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## Required Courses - Materials Science Engineering Majors only

Code	Title	Credit Hours
MMAE 304	Mechanics of Aerostructures	3
MMAE 311	Compressible Flow	3
MMAE 312	Aerodynamics of Aerospace Vehicles	3
MMAE 313	Fluid Mechanics	3
Select a minimum of one course from the following:		3
MMAE 350	Computational Mechanics	3
MMAE 352	Aerospace Propulsion	3
MMAE 410 or MMAE 411	Aircraft Flight Mechanics Spacecraft Dynamics	3
MMAE 443	Systems Analysis and Control	3
<b>Total Credit Hours</b>		<b>15</b>

## Required Courses - Mechanical Engineering Majors only

Code	Title	Credit Hours
MMAE 311	Compressible Flow	3
MMAE 312	Aerodynamics of Aerospace Vehicles	3
MMAE 352	Aerospace Propulsion	3
Select one course from each of the following groups of courses:		6
MMAE 410 or MMAE 411	Aircraft Flight Mechanics Spacecraft Dynamics	3
MMAE 412 or MMAE 414	Spacecraft Design I Aircraft Design I	3
<b>Total Credit Hours</b>		<b>15</b>