

# Minor in Aerospace Engineering

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## Aerospace Engineering Minor

The Aerospace Engineering minor includes six courses from the list below. Courses in this minor, some developed in conjunction with industry, will help prepare Mines students for a career in the aerospace industry. Not available to Mechanical Engineering students on the Aerospace Track. Students have to choose one or the other.

### Choose 6 from the following courses:

MEGN412	ADVANCED MECHANICS OF MATERIALS	3.0
MEGN416	ENGINEERING VIBRATION	3.0
MEGN451	AERODYNAMICS	3.0
MEGN461	THERMODYNAMICS II	3.0
MEGN414	MECHANICS OF COMPOSITE MATERIALS	3.0
MEGN423	APPLIED COMPUTATIONAL FLUID DYNAMICS	3.0
or MEGN523	APPLIED COMPUTATIONAL FLUID DYNAMICS	
MEGN452	INTRO TO SPACE EXPLORATION AND RESOURCES	3.0
MEGN453	AEROSPACE STRUCTURES	3.0
MEGN454	ORBITAL MECHANICS	3.0
or MEGN554	ORBITAL MECHANICS	
MEGN455	AEROSPACE SYSTEMS ENGINEERING	3.0
MEGN456	SPACE OPERATIONS AND MISSION DESIGN	3.0
MEGN553	COMPUTATIONAL FLUID DYNAMICS (BSxx +MSNT students only.)	3.0
FEGN525	ADVANCED FEA THEORY & PRACTICE (BSxx +MSNT students only.)	3.0