

# Space Operations Minor

Catalog Department Overview # (<https://catalog.uaf.edu/academic-departments/electrical-computer-engineering/>)

## Minimum Requirements for Space Operations Minor: 15 credits

		Credits
<b>Space Operations Minor Requirements</b>		
Complete the following:		
AERO/EE F465	Space Mission and Spacecraft Design	3
EE F464	Advanced Communications Systems	4
Complete at least 8 credits from the following:		8
ATM F433	Atmospheric Remote Sensing	
CHEM F406	Atmospheric Chemistry	
CS F463	Cryptography and Data Security	
CS F465	Computer and Network Security	
EE F461	Communication Systems and Networks	
GEOS F422	Geoscience Applications of Remote Sensing	
GEOS F459	Visible and Infrared Remote Sensing	
ME/AERO F452	Introduction to Astrodynamics	
PHYS F462	Geometrical and Physical Optics	
<b>Total Credits</b>		<b>15</b>