

Minor in Space Operations

The Space Operations minor provides the student with a broad background in space flight operations, space technology, and space history covering past, present, and future programs. While focused on space exploration, the Space Operations courses also furnish insight into the major space projects that includes mission planning, policy, and outcomes.

Some majors may not be eligible to pair with this minor. See the Minor Restrictions (<https://catalog.erau.edu/programs/undergraduate/minors/restrictions/>) list for details.

Daytona Beach Minor Requirements

Choose Five of the Following: *		15
SPAC 110	Introduction to Space Flight	
SPAC 200	Planetary and Space Exploration	
SPAC 210	Space Transportation System	
SPAC 215	Space Station Systems and Operations	
SPAC 220	Life Support Systems	
SPAC 230	Space Policy and Law - History	
SPAC 300	Satellite and Spacecraft Systems	
SPAC 315	Space Policy	
SPAC 330	Spaceflight and Operations Training	
SPAC 340	Russian Space Operations and Technology	
SPAC 390	Payloads and Integration	
SPAC 400	Introduction to Space Navigation	
SPAC 410	Space Operations Planning and Analysis	
SPAC 425	Selected Topics in Space and Aerospace	
Total Credits		15

* Must choose at least one course at the 300-level and one course at the 400-level.

Worldwide Minor Requirements

SPAC 110	Introduction to Space Flight	3
SPAC 300	Satellite and Spacecraft Systems	3
SPAC 330	Spaceflight and Operations Training	3
SPAC 400	Introduction to Space Navigation	3
HFCT 330	Human Factors in Space	3
or UNSY 415	Uncrewed Space Systems and Application	
or SPAC 315	Space Policy	
Total Credits		15

Estimated Cost of Attendance: California Student Information (<https://catalog.erau.edu/student-life/student-affairs/california-student/>)

Asia Minor Requirements

SPAC 110	Introduction to Space Flight	3
SPAC 300	Satellite and Spacecraft Systems	3
SPAC 330	Spaceflight and Operations Training	3
SPAC 400	Introduction to Space Navigation	3
HFCT 310	Human-Computer Interaction	3
UNSY 415	Uncrewed Space Systems and Application	3
Total Credits		18