GRADUATE PROGRAMS:

MASTER OF SCIENCE IN AEROSPACE ENGINEERING

PROGRAM HIGHLIGHTS:

- Located near major space organizations such as NASA, Lockheed Martin and Northrop Grumman
- 30 hours
- Funding available
- Thesis and non-thesis options
- Online track available

COURSEWORK INCLUDES:

- Intermediate Aerodynamics
- Rocket Propulsions
- Aeroelasticity
- Turbulent Flow
- Guidance, Navigation and Control
- Combustion Phenomena

For complete program requirements, see the UCF Graduate Catalog at **graduatecatalog.ucf.edu.**

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UNIVERSITY OF CENTRAL FLORIDA

SOAR TO NEW HEIGHTS WITH A MASTER OF SCIENCE IN AEROSPACE ENGINEERING FROM UCF

If you're ready to take your career to new heights, earn your Master of Science in Aerospace Engineering from UCF. Florida is among the states with the highest employment of aerospace engineers, per the U.S. Bureau of Labor Statistics and UCF is located close to major aerospace engineering organizations like NASA's Kennedy Space Center, Northrop Grumman and Lockheed Martin.

AEROSPACE ENGINEERING AT UCF

At the graduate level, UCF offers a Master of Science in Aerospace Engineering through the Department of Mechanical and Aerospace Engineering. Students enrolled in the M.S.AE can choose to pursue one of three tracks:

Space Systems Design and Engineering

This track emphasizes the areas of controls and dynamics, the space environment, instrumentation and communications, structures and materials, thermal analysis and design.

Thermofluid Aerodynamics Systems Design and Engineering

This track emphasizes the areas of controls and dynamics, aerodynamics, propulsion, thermal analysis and design.

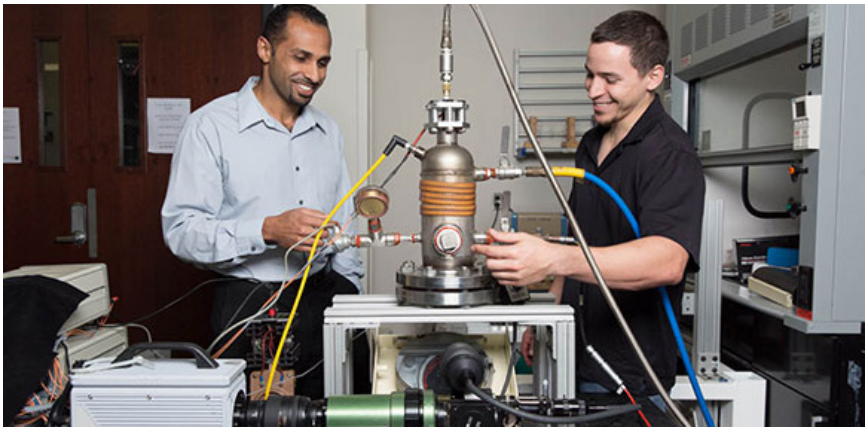
Guidance Control and Dynamics

This track emphasizes guidance control and dynamics with applications in aerospace engineering.

LEARN MORE

GRADUATE PROGRAMS:

MASTER OF SCIENCE IN AEROSPACE ENGINEERING



HONE YOUR RESEARCH SKILLS

Want to hone your research skills and work on innovative projects that could shape the industry – and change the world? At the UCF Department of Mechanical and Aerospace Engineering, you can work in our faculty laboratories on projects focusing on propulsion, structures and materials, control and dynamics, and systems design You can also find opportunities within our Center for Advanced Turbomachinery and Energy Research, which focuses on clean energy solutions for aircraft and spacecraft.

APPLICATION DEADLINES

Domestic Applicants:	**International Applicants:**
Fall — July 1	Fall — Jan. 15
Spring — Dec. 1	Spring — July 1
Summer — April 1	Spring — Nov. 1

FOR MORE INFORMATION:

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ABOUT THE UCF DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Why choose the UCF Department of Mechanical and Aerospace Engineering? We boast a world-renowned faculty who are highly cited and sought-after for their expertise in aerospace, mechanical and biomedical engineering.
Our students are generating the innovative ideas of tomorrow and our alumni are shaping the industry. Here are a few more reasons to consider UCF:

- UCF is the No. 1 supplier of graduates to the aerospace and defense industries and the No. 2 preferred supplier to those industries, per Aviation Week Network.
- We are home to the Center for Advanced Turbines and Energy Research, which received a $68 million software grant from Siemens in 2017.
- Our faculty garnered more than $11 million in research funding this past academic year.
- Our aerospace, mechanical and biomedical engineering programs are consistently ranked by *U.S. News and World Report*.

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