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Contact Us

www.mae.usu.edu
lindi.brown@usu.edu
435.797.0330
4130 Old Main Hill
Logan, UT 84322
Th e Department of Mechanical and Aerospace Engineering provides each graduate with a foun-
dation of knowledge and experience upon which to build successful careers in mechanical en-
geering, aerospace engineering, or other fi elds where a strong engineering background is
required or desirable. Graduate programs emphasize research by the faculty with a high level
of student involvement providing enhanced preparation for engineering practice, research, and
education. Faculty, staff, and students are committed to excellence in learning, discovery, and
engagement in an environment that fosters diversity and mutual respect.

Pursuing a master’s degree helps you gain specialized knowledge to advance in your fi eld. Not only could it open
opportunities for you professionally, but it will increase your earning potential in an already competitive marketplace.

To be considered for admission, applicants must meet our minimum requirements and submit an application by the
deadline. Our admission requirements are as follows:

- Bachelor’s degree from an accredited institution in mechanical or aerospace engineering, or closely related engineering discipline
- Admissions GPA greater than or equal to 3.30 in the last 60 semester credits or
  90 quarter credits
- GRE scores at or above our minimum requirement:
  Quantitative - 70% and Verbal - 40%
- Well acquainted with FORTRAN, C, or MATLAB

You don’t have to be an experienced researcher to pursue a PhD. We welcome applications from those who are
passionate about aerospace engineering. Research topics could include guidance, navigation, control, orbital
rendezvous and proximity operations, astrodynamics, orbital navigation, spacecraft trajectory optimization,
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Plan A: Thesis

A thesis master’s degree is research intensive, providing students with a
rich experience and the opportunity to work directly with our excellent faculty.
Students will be asked to develop a research proposal and complete a thesis under direct
supervision of a three-faculty advising committee.

30 credits
(24 coursework, 6 thesis research)

Plan B: Project

Students who enroll in this option are expected to write a project proposal and
defend a formal report.

30 credits
(27 coursework, 3 design project)

Plan C: Coursework

The non-thesis, coursework only option
provides students with the opportunity
to develop advanced skills sets that are
required for the aerospace workplace, and
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Our students are marketable. After graduation, they get jobs with...
- SpaceX
- Northrop Grumman
- Sandia National Lab
- Blue Origin
- NASA
- Boeing
- Hill Air Force Base
- Arian
- Lockheed Martin

Britany Chamberlain
Class of 2018

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MS AND PHD PROGRAMS

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