



MS Degree*

Plan A Thesis or Plan B Report option
30 credits required beyond a BS degree:

- 12 credits of 6000 level coursework
- 3 credits of advanced mathematics
- 1 credit of graduate seminar
- Twelve credits selected from an area of concentration (Solids, Dynamics & Control, Thermal/Fluid, Aerospace, or Manufacturing)
- 6 credits Thesis for Plan A or 3 credits Report for Plan B
- Thesis or report proposal and defense

MS Degree*

Plan C - Coursework only option
33 credits required beyond a BS degree:

- 18 credits of 6000 level coursework
- 3 credits of advanced mathematics
- 1 credit of graduate seminar
- Fifteen credits selected from an area of concentration (Solids, Dynamics & Control, Thermal/Fluid, Aerospace, or Manufacturing)
- 6 credits of fundamentals, Continuum Mechanics and Elasticity Fluid Dynamics

PhD Degree

60 credits above a MS degree or 90 credits above a BS degree:

- 24 credits of 6000 level coursework
- 6 credits of advanced mathematics
- 2 credits of graduate seminar
- Eighteen credits selected from an area of concentration
- 24-39 credits of Dissertation Research
- Pass PhQ Qualifier Exams with 80% or higher before the end of the third semester
- Manuscript with student as author or co-author submitted for publication in a refereed journal
- Dissertation proposal and defense

PHD students can individualize requirements for their program with the advice of their major professor.

*Application to Graduate School can be submitted at

<http://www.usu.edu/gradsch/>