School of Aeronautics and Astronautics

Graduate Program Degree Requirements
Quick Reference Guide*

The following degree requirements should be met in consultation with your major professor:

**MS Non-Thesis**

30 credit hours needed (10 graduate level courses):
- 4 courses (12 credit hours) in your major area of study
- 2 courses (6 credit hours) in your minor area of study
- 2 math courses (6 credit hours) from MA or STAT
- 2 technical electives in Engineering or Science decided by you and your major professor (6 credit hours)
- GPA must be 3.0 or higher at all times and no major class has less than B-
  - At least 1 member (major professor) on your Plan of Study
  - Plan of Study due by the end of 1st semester (2nd semester registration PIN will be held until your POS is submitted)

**MS Thesis**

30 credit hours needed: 21 hours of graduate level coursework, and at least 9 credit hours of AAE 698 thesis research credits
- 3 courses (9 credit hours) in your major area of study
- 2 courses (6 credit hours) in your minor area of study
- 2 math courses (6 credit hours) from MA or STAT
- GPA must be 3.0 or higher at all times and no major class has less than B-
  - At least 3 members on your POS Advisory Committee (major professor and two other committee members)
  - Plan of Study due by the end of 1st semester (2nd semester registration PIN will be held until your POS is submitted)

**PhD Student Requirements** (past completion of MS degree)

90 credit hours needed: 18 credit hours of coursework, 30 credit hours from MS (if approved), and the rest AAE 699 thesis research credits
- Up to 30 hours from MS program can be counted towards your PhD Plan of Study
- 2 courses (6 credit hours) in your minor area of study in lieu of minor qualifying exam
- 4 courses decided in consultation with your major professor (12 credit hours)
- GPA must be 3.0 or higher at all times
  - At least 4 members on POS Advisory Committee (major professor and three other committee members)
  - Qualifying Examinations: Take within 2 semesters of starting the PhD (if MS received from Purdue AAE), or take within 3 semesters of starting the PhD (if MS received from outside the department).
    - Note: Courses required as a result of qualifying examination conditional passes can only be used on the plan of study in excess to other course requirements.
    - Preliminary Examination
    - Final Thesis Defense/Deposit

*Please see the School of Aeronautics and Astronautics Graduate Program Rules and Guidelines for more details regarding graduate program requirements*