

USU Mechanical & Aerospace Engineering Department Checklist for Aerospace Engineering PhD Degree Beyond the BS Degree

Name _____ Student A# _____

1. Choose courses satisfying requirements below, and add to checklist. Course descriptions and schedules on MAE website.
2. Review checklist with major professor, make changes if needed, and discuss who to ask to serve on your committee.
3. Add names of faculty who have agreed to serve on your supervisory committee.
4. Email checklist to MAE Graduate Advisor before end of third semester. DocuSign will be used for signature approval.

Credit Requirements (72 minimum)

<input type="checkbox"/>	18 credits Aerospace Engineering Core courses (if MAE 5500 and/or 5560 completed for a Bachelor's degree, those credits may be replaced with either core or tech elective credits here.)				
<input type="checkbox"/>	6 credits Advanced Math Supervisory committee approval if not on approved Math list (page 2.)				
<input type="checkbox"/>	12 credits Aerospace Electives				
<input type="checkbox"/>	MS-C option: 3 additional courses (at least 2 must be Core)				
<input type="checkbox"/>	36 credits MAE 7970 Dissertation Research (List credits below.)				

List schedule of courses/credits including courses for MS option, if pursuing.

Course	Cr	Semester	Gr	Course	Cr	Semester	Gr	Course	Cr	Semester	Gr
USU 6900 RCR	0										

For eligible students, tuition awards are for approved Program of Study credits, and limited to 9 credits each fall and spring semesters, and for summer, if needed, up to 6 coursework credits or 3 research credits if doing final dissertation defense.

Other Requirements

<input type="checkbox"/>	PhD Qualifying Exam passed by end of third semester. List subject areas and dates in table on second page.		
<input type="checkbox"/>	MS-C option: Plan C program of study approved by PhD committee, total of 81 credits minimum.		
<input type="checkbox"/>	Completion of USU 6900 and Research Scholars Certificate Program.		
<input type="checkbox"/>	Oral Research Presentation – Dissertation Proposal Defense.	Date:	
<input type="checkbox"/>	Submission of Application for Candidacy and Dissertation Proposal.	Date:	
<input type="checkbox"/>	Submit paper for publication in refereed journal prior to scheduling final defense (related to dissertation and student first author.)		
<input type="checkbox"/>	Title:	Journal:	Date Submitted:
<input type="checkbox"/>	Successful dissertation defense. Submit dissertation to committee 4 weeks prior to scheduled defense.		

List faculty who have agreed to serve on your supervisory committee.

Major Professor	Committee Members	Outside Member

* Competitively graded 6930 or 7930 courses are allowed. They have an assigned room and class schedule; enrollment is open to all students who have completed the proper prerequisites; a course syllabus is given to students; and assignments and tests are competitively graded.

**If research requires interdisciplinary work, MAE 7970 Dissertation Research credits may be replaced by a 3000-level different department course. Full supervisory committee approval required before registering for it. Additional 3000-level courses, approved by the committee, may be added but not replace other requirements. (Policy

