

## Department of Aerospace Engineering & Mechanics

### PhD Requirement Checklist

Student: \_\_\_\_\_

CWID: \_\_\_\_\_

Advisor: \_\_\_\_\_

Start Date: \_\_\_\_\_

#### General Program Requirements

- Minimum of 42 hours of coursework (21 hours must be AEM designated which can potentially include transfer credit)
- Minimum of 18 hours of dissertation research (AEM 699)
- 9 Year Time Limit

#### Core Course Requirement (6 hours)

Compete at least one course in each area

Aerospace Area	Credit	Grade	Term
AEM 569 Orbital Mechanics	3		
AEM 582 Space Systems	3		
AEM 614 Airfoil/Wing Theory	3		
AEM 668 Adv Dyn of Flight	3		

Mechanics Area	Credit	Grade	Term
AEM 500 Int Fluid Mechanics	3		
AEM 530 Continuum Mechanics	3		
AEM 562 Int Dynamics	3		
AEM 637 Elasticity	3		

#### Math Course Requirement (6 hours)

Common UA courses are GES 551, GES 554, ME 501, and ST 560. Approved transfer courses can also apply.

Math Course 1	Credit	Grade	Term
	3		

Math Course 2	Credit	Grade	Term
	3		

#### Elective Course Requirement (30 hours)

AEM electives can include approved transfer and out-of-department courses (consult with your advisor)

AEM Electives	Credit	Grade	Term

AEM or General Electives	Credit	Grade	Term

#### Dissertation Research Requirement (18 hours minimum)

Research	Credit	Grade	Term
AEM 699			
AEM 699			
AEM 699			
AEM 699			

Research	Credit	Grade	Term
AEM 699			
AEM 699			
AEM 699			
AEM 699			

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**Required Forms**

<b>Graduate Forms</b>	Initiator	Term
<a href="#">Plan of Study and Block Transfer</a>	Advisor/Docusign	
<a href="#">Request for Transfer of Graduate Credit</a> (if applicable and not Block Transfer of MS)	Student	
<a href="#">Appointment of Doctoral Dissertation Committee</a>	Student	
<a href="#">Doctoral Qualifying Exam</a>	Advisor/Docusign	
<a href="#">Admission to Candidacy for the Doctoral Degree</a>	Advisor/Docusign	
<a href="#">Degree Application</a>	Student	
<a href="#">Public Notice of Dissertation Defense</a>	Student	
<a href="#">Committee Acceptance Form for the Electronic Dissertation</a>	Advisor/Docusign	

**Additional Notes**

Advisor or GPC Signature: \_\_\_\_\_

Date: \_\_\_\_\_