

**Department of Aerospace Engineering & Mechanics**  
**PhD Requirement Checklist - 2025**

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

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

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

**General Program Requirements**

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

**Core Requirement (12 hours)**

Compete at least one course in each area

	Course	Credit	Grade	Term
<b>Mechanics:</b> AEM 500, AEM 546, or AEM 562		3		
<b>Math:</b> GES 551, GES 554, or AEM 548		3		
<b>Math:</b> approved by advisor		3		
<b>Pedagogical Training:</b> ENGR 501		3		

**Elective Course Requirement (30 hours)**

MSAE/ME block transfer counts for 21 hours: 12 AEM elective and 9 general elective/math as applicable and approved  
 Limit of 6 hours of AEM 593/594/693/694 coursework if block transfer is applied, else 9 hours

AEM Electives	Credit	Grade	Term

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			

**Required Forms**

Graduate Forms	Initiator	Term
<a href="#">Request for Transfer of Graduate Credit</a> (If MSAE or MSME block transfer for PhD, then list as MSC 501 – 21 hours)	Student	
<a href="#">Appointment of Doctoral Dissertation Committee</a>	Student	
<a href="#">Doctoral Qualifying Exam</a>	Advisor/GPC	
<a href="#">Admission to Candidacy for the Doctoral Degree</a>	Advisor/GPC	
<a href="#">Degree Application</a>	Student	
<a href="#">Public Notice of Defense</a>	Student	
<a href="#">Final Defense Form</a>	Advisor/GPC	
<a href="#">Committee Acceptance form for the Electronic Dissertation</a>	Advisor/GPC	

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

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