

Herbert Wertheim College of Engineering
 Department of Materials Science and Engineering
 Nuclear Engineering Program
 Academic Services Office

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NE PhD Graduate Advising Worksheet

Catalog Years Prior to 2021

Student Name:

UFID:

Matriculation (Term/Year):

Supervisory Committee

PhD Advisor:

Member 1:

Member 2:

Member 3 (Optional):

Member 4 (Optional):

External:

Admission to Candidacy (Semester/Year):

Degree Timeline and Deadlines

The following illustrates a typical timeline to the PhD degree

Time	Milestone	Completed
1 st semester	Select PhD Advisor, Complete 2 core courses	
2 nd semester	Submit Core Course Declaration Form, Complete remaining 2 core courses, Select supervisory committee	
4 th semester	Prepare for qualifying examination, Complete 5 th core course (if needed)	
5 th semester	Pass graduate qualifying examination/admission to candidacy	
Annually after qualifying exam	Annual research update with supervisory committee	
Within 6 months of defense	Sufficiency meeting with supervisory committee	
4 th -5 th year	PhD dissertation defense	

In addition to completion of their dissertation research, core courses, and credit hour requirements, students who entered the PhD program in Fall 2018 or later are required to complete Professional Development activities equivalent to 6 credits (approximately 300 hours).

All PhD students are required to complete a yearly Individual Development Plan (IDP).

All academic and departmental guidelines can be found in the [Graduate Student Handbook](#).

NE Checklist PhD Program

PhD Core (17 credits total)	Credits	Semester/Year	Grade
ENU 5615C Nuclear Radiation Detection and Instrumentation	4		
ENU 6051 Radiation Interaction Basics	3		
ENU 6106 Nuclear Reactor Analysis 1	3		
ENU 6135 Nuclear Thermal Hydraulics	4		
ENU 6805 Intro to Nuclear Reactor Materials	3		

NE Seminar

ENU6935 Nuclear and Radiological Seminar	1		
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Professional Development (6 credits minimum)	Credits	Semester/Year	Grade
ENU			
ENU			
ENU			

Specialization Electives (variable)^b	Credits	Semester/Year	Grade

^b Optional. Any 5000-level or higher course in the College of Engineering (3000 and 4000 only with special approval). Excludes S/U graded courses.