



The Graduate School at The Ohio State University specifies that at least 80 total earned hours are required for a Doctoral Degree. Please complete the information below and list the courses you plan to use to fulfill your degree requirements.

- The requirements below are only minimums. Your Faculty Advisor can require additional coursework beyond the minimum.
- Courses counted toward the coursework requirements must be letter graded (A-E). Students must earn a grade of C or higher for any courses completed after Autumn semester 2017.
- In order to count toward your degree, courses taken outside of Engineering, Natural and Mathematical Sciences, or Medicine must be approved by your advisor and the Graduate Studies Committee via a MAE program petition.
- Designate your math course with an 'M' in the Special Designations column.
- Include any graduate courses transferred from other institutions and identify them with a 'T' in Special Designations column. Ohio State's coursework requirements must still be met, but approved transfer credits can count toward those requirements.
- Students who have not taken NE 4505 (Introduction to Nuclear Engineering) or an introductory Nuclear Engineering course at another institution are required to take NE 4505 without receiving graduate credit.

Name: _____ Name.#: _____

Advisor Name.#: _____

PhD Coursework Requirements (without MS)

Core Courses (C)

3 NE 5000+ courses beyond the core courses

2 Math 5000+ courses or 1 Math course and 1 Stats course 5000+ each beyond the core courses

Remaining hours can be NE 8999 and/or additional graduate level coursework

NE 6881 every semester until Candidacy

PhD Coursework Requirements (with MS)

Core Courses (C)

2 NE 5000+ courses beyond the core courses

2 Math 5000+ courses or 1 Math course and 1 Stats course 5000+ each beyond the core courses

Remaining hours can be NE 8999 and/or additional graduate level coursework

NE 6881 every semester until Candidacy

Completion Term	Subject, Course Number and Title	Special Designations	Credit Hours
	(C) Math 4512 – Partial Differential Equations for Sci. and Eng. or Equivalent Course		3
	(C) NE 5606 – Radiation Protection and Shielding		3
	(C) NE 5742 – Nuclear Radiations and Their Measurements		3
	(C) NE 6536 – Nuclear Reactor Systems and Analysis		3
	(C) NE 6708 – Reactor Theory		3
	(C) NE 6725 – Nuclear Reactor Dynamics		2
	(C) NE 6726 – Reactor Dynamics Laboratory		2
	(C) NE 6766 – Nuclear Engineering Design		2
	(C) NE 7865 – Neutron Slowing Down and Thermalization		2
N/A	NE 6881 – Nuclear Engineering Graduate Seminar		
N/A	NE 8999 – Nuclear Engineering Research for Dissertation		
Total Estimated Credit Hours Upon Degree Completion			