



# Master's Course Plan Nuclear Engineering

Please complete the information below and list the courses that will tentatively be counted toward the degree requirements for the degree option (Thesis or Non-Thesis) being pursued. Individual Advisors can require additional coursework beyond the minimum to graduate.

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.

**Note:** Include any graduate courses transferred from other institutions and designate them with an asterisk (\*).

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Name #: \_\_\_\_\_

Advisor Name #: \_\_\_\_\_ Projected Graduation Sem. and Year: \_\_\_\_\_

**Thesis Coursework Requirements**

Core Courses (C)

3 hours NE 5000+ courses beyond the core courses

Remaining hours can be NE 8998 and/or additional graduate level coursework

NE 6881 every semester

**Non-Thesis Coursework Requirements**

Core Courses (C)

6 hours NE 5000+ courses beyond the core courses

Remaining hours can be NE 6193 and/or additional graduate level coursework

NE 6881 every semester

Sem. Completed or Projected to Take	Course Number and Title	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	
N/A	NE 6881 – Nuclear Engineering Graduate Seminar		*Estimate
N/A	NE 8998 (Thesis) or NE 6193 (Non-Thesis)		*Estimate
<b>Total Earned Hours</b>			*Estimate
<i>Must be more than or equal to 30 not including seminar hours</i>			

\_\_\_\_\_  
Student's Signature/Date

\_\_\_\_\_  
Advisor's Signature/Date

**Office Use Only:**

Database updated

Entered by: \_\_\_\_\_

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