**Nuclear Engineering and Radiological Sciences**

**Checklist for Master’s Degree Requirements**

Student Name UMID

Program: SGUS/ MSE

Advisor CUM GPA

**Entrance requirements are NERS 311, 312, and 320 (or their equivalents) and may NOT be applied towards the 30 hours for the Master’s Degree.**

The Master’s degree in Nuclear Engineering and Radiological Sciences requires 30 hours of coursework at the graduate level, including 20 hours from NERS (of which four courses must be at the 500 level or above). A minimum of 3 credit hours of cognate is also required. The cognate courses must be related to the student’s degree program and should be chosen with the advice of the student’s graduate advisor. A student must also take at least one 400 level or higher laboratory course for the M.S. degree while a graduate student. The average grade in NERS courses must be a B (a grade point of 3.0/4.0) or better, and the average grade for all courses must also be a B or higher. Undergraduates who earned the following degrees should apply for the corresponding diplomas.

1. **Four NERS courses at 500 level or higher**

(Not including NERS 588, 599, 799, 990, or 995):

NERS / hrs NERS / hrs

NERS / hrs NERS / hrs

NERS / hrs NERS / hrs

NERS / hrs NERS / hrs

hrs

2. **NERS 599 Project** (optional - if elected, an oral presentation and written report are required)

1-6 hrs.

Title of Thesis

Date of Oral Presentation Advisor

3. **Other NERS Courses**: (NERS 990/995 are not eligible for credit in the master’s program) NERS / hrs NERS / hrs

NERS / hrs NERS / hrs

NERS / hrs NERS / hrs

hrs

hrs

Maximum total of 6 credit hours for NERS 799 and/or NERS 588 may be used. Credit for NERS 799 will not be allowed if it is being used to cover the course material in NERS 311, 312, 315, 320. A NERS 799 form must be completed with your advisor after which time the course will be opened online for registration.

**TOTAL OF 1, 2 & 3 (must be a minimum of 20):**

**hrs**

4. **Courses outside the department:**

Rackham requires a minimum of 3 credit hours of cognate graduate-level coursework (outside department and related to your studies) earning a “B” grade or better. NERS requires cognate courses be related to the student’s research field and requires the approval of the advisor.

/ / hrs

/ / hrs

/ / hrs

/ / hrs

/ / hrs

/ / hrs

hrs

5. **Graduate laboratory course requirement:**

All Master’s students must take a formal 400 level or higher lab course and obtain a “B” grade or better. Approved labs include: NERS 515, NERS 425, NERS 535, NERS 575, NERS 586, NERS 590 (Transmission Electron Microscopy Lab), MSE 562 or AEROSP 521. The student’s advisor and MS graduate program chair must approve in writing any non NERS lab course not listed above.

Laboratory course taken: / / **(enter # credits in Section #1 or #3)**

/ /

**GRAND TOTAL (must be at least 30 credit hours):**

**hrs**

**Instructions**: Complete the form; print unofficial transcript and submit to the Graduate Coordinator early in the term in which you wish to receive your Master’s degree. The Grad Coordinator will verify the information before submitting it to the student’s advisor and MS Program Graduate Chair for signatures.

Graduate Coordinator Approval Date

Advisor Approval Date

MS Graduate Chair Approval Date