



College of Engineering
& Applied Science

College of Engineering & Applied Science Master of Science in Engineering – Program of Study

(Please type or print clearly.)

Name: _____ UWM ID: _____ Date: _____

Address: _____ Phone #: _____
(house/ apt. #, street, city, state, zip code)

Email: _____ Major Professor/Advisor: _____

Thesis Option: 30 credits Non-Thesis Option: 31 credits	Course Number	Course Title	Credits	Semester*
TECHNICAL PROGRAM Thesis ~ 15 credit minimum Non -Thesis ~ 22 credit minimum				
		Graduate Seminar		
APPROVED ELECTIVES ~ 9 credit maximum				
THESIS ~ 6 credit minimum				

*For enrollment management and planning purposes, you must indicate the semester in which the course was taken or when you plan to take it.

Signatures Required

Submitted By: _____ Date: _____
Student

Approved By: _____ Date: _____
Major Professor/Advisor

► Return to the Graduate Program Office for Associate Dean Approval/Signature

Approved By: CEAS Associate Dean: _____ Date: _____
Associate Dean of Graduate Programs

- 700 level or higher requirement: Thesis Option is 15 credits (excluding Thesis); Non-Thesis Option is 16 credits.
- Approved Areas of Concentration: Civil & Environmental Engineering; Electrical Engineering; Industrial & Manufacturing Engineering; Materials Science and Engineering; Mechanical Engineering.
- Coursework transferred from another institution must be approved by using the Transfer Credit Evaluation (TCE) Form (following the appropriate guidelines as stated on the form.) Form available online, [Forms and Downloads - Graduate School \(uwm.edu\)](https://www.uwm.edu/graduate/forms-downloads).

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Guidelines for Developing the Program of Study

For enrollment management and class scheduling purposes, the student, in conjunction with the major professor/advisor, should develop a proposed Program of Study during the first year of enrollment. This Program of Study must be approved by the Associate Dean of Graduate Programs and must meet the distribution requirements listed below. For subsequent changes, the student must file a revised Program of Study for approval.

MINIMUM CREDIT REQUIREMENTS for MASTER OF SCIENCE in ENGINEERING

Program Option	Overall Credit Requirement	Credit Distribution for Program
Thesis* (requires 3 credit Graduate Seminar course)	24 course credits (minimum 15 credits at or above 700 level) 6 thesis credits	15 credits of approved technical program 9 credits of approved electives
Non-Thesis** (requires 1 credit only Graduate Seminar course)	31 course credits (minimum 16 credits at or above 700 level)	22 credits of approved technical program 9 credits of approved electives

**After 12 credits of course work are completed, changes from thesis to non-thesis option will not be allowed except under exceptional circumstances to be considered on a case-by-case basis. Students may always change from non-thesis to thesis option. Departments may make a thesis a requirement (or preference) of employment for TA's and RA's.*

***Non-Thesis final requirements may include a presentation, examination, or other exhibition of successful completion determined by the major professor/advisor and committee. Students must consult with their major professor/advisor for details.*

INDEPENDENT STUDY REQUIREMENTS

Independent Study (maximum 3 credits) must have prior approval of the Associate Dean of Graduate Programs before the course can be added to the student schedule of classes. The student should complete and submit an Independent Study registration form (and proposal) available on the website or from the Graduate Program Office, EMS 379. The form must include the approval of the major professor/advisor, the independent study supervisor, and the department chair prior to submission for final approval. The Independent Study form must be accompanied by a detailed proposal which also must include the approval of the independent study supervisor. See the Independent Study registration form for details.
