

Mechanical Engineering Master's

Department Information

- **Program Information:**
ndsu.edu/programs/graduate/mechanical-engineering (<http://ndsu.edu/programs/graduate/mechanical-engineering/>)
- **Department Web Site:**
ndsu.edu/me/ (<http://ndsu.edu/me/>)
- **Application Deadline:**
February 15 for fall semester; September 15 for spring semester. Applications received after the deadline will still be considered, but preference is given to those submitted by the deadline.
- **Credential Offered:**
M.S.; M.Engr
- **Test Requirement:**
GRE recommended
- **English Proficiency Requirements:**
TOEFL iBT 71, IELTS 6; Duolingo 105

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Master of Science Curriculum

Masters Thesis Course Requirements

Code	Title	Credits
Didactic Courses (601-689, 701-789)		
ME 711	Advanced Engineering Analysis	3
ME Courses (700-789, 791)		6
ME Courses (601-689, 691;700-789, 791)		6
Any graduate didactic course (601-689, 691;700-789, 791)		3
Additional Credits ¹		6
Any approved 600 to 700-level courses, including 793, 696, 796		
Graduate Seminar		3
ME 790		
Research Credits ¹		6
ME 798		
Continuing Enrollment Credits ²		
ME 898	Continuing Enrollment	
Total Credits		33

Masters Paper Course Requirements

Code	Title	Credits
Didactic Courses (601-689, 701-789)		
ME 711	Advanced Engineering Analysis	3
ME 700-Level Courses: 6 credits		6
ME Prefixed 600 or 700-level: 9 credits		9
Any Approved 600 to 700-level didactic course: 3 Credits		3
Additional Credits: 6 Credits		6
Any approved 600 to 700-level courses, including 793, 696, 796		
Research: 3 Credits		3
ME 797		
Seminar: 3 Credits		3
ME 790		

Continuing Enrollment Credits ²

ME 898	Continuing Enrollment	
Total Credits		33

¹Students can choose to take 9 credits of research provided they have at least one published journal article. This reduces the coursework by one class (3 credits).

²ME 898 is a lower cost option for students who have completed their defense and still need to finish writing their thesis/paper. International students may not be eligible for this credit and should check with the International Office for guidance.

- In addition to the 30 credits of Master's coursework, students are required to enroll in the department's graduate seminar series, ME 790 (not exceeding three semesters).

Master of Engineering Curriculum

Code	Title	Credits
600 or 700-level didactic courses (including a minimum of 18 credits from ME and a minimum of 9 credits from 700-level ME courses)		24
		Minimum
Other 600 or 700-level courses (e.g. ME 793, ME 795, ME 696/796)		6
		Maximum
Total Credits		30

Admission and Application Requirements

Graduate School admission and application requirements are found on the Admission Information (<https://catalog.ndsu.edu/past-bulletin-archive/2025-2026/graduate/admission-information/>) page. In addition to these requirements, the following are also required:

- Baccalaureate degree in Mechanical Engineering or a closely related field.
- International students must provide language test scores such as Duolingo, TOEFL, or IELTS. Minimum requirements for admission consideration are 105 for Duolingo, 71 for TOEFL iBT, or 6.0 for IELTS score.
- GRE general test score with a minimum of 300 (combined Quantitative and Verbal) with a minimum quantitative score of 155 is strongly recommended but is not required for international students.