MECHANICAL ENGINEERING MS

Degree Requirements

The following requirements are in addition to, or further elaborate upon, those requirements outlined in The Graduate School Policy Guide (https://catalogs.northwestern.edu/tgs/academic-policies-procedures/).

Master's

Total Units Required: 12

(At least five courses excluding MECH_ENG 499-0 Projects/MECH_ENG 512-0 Seminar/MECH_ENG 590-0 Research must be 400-level)

Course	Title
Unless doing MS with a Specialization, at least one course each from four of the eight subareas: Solids, Fluids/Thermodynamics/Energy, Dynamics/Controls, Design/Manufacturing/Tribology, MEMS/Nanotechnology, Biomedical/Biology, Mathematics/Sciences, Engineering Management	
MS with Thesis	
MECH_ENG 590-0	Research (3 units)
MECH_ENG 512-0	Seminar (must be taken in all quarters of full-time registration)
400-level courses (5 units)	
Departmental, MECH_ENG courses listed in graduate handbook (5 units)	
MS Non-Thesis	
MECH_ENG 499-0	Projects (independent research)
400-level courses (5 units)	
Departmental, MECH_ENG courses listed in graduate handbook (7 units)	

Other MS Degree Requirements

- **Examinations:** addresses research project
- **Research/Projects:** research report on topic of interest to both student and advisor