ELECTRICAL 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/).

Common Requirements
Three plans are available, as shown below. For all three plans, the following are required:

• A total of 12 units.
• All courses must be at the 300-level or higher.
  • Effective September 9, 2019, ELEC_ENG 302-0 Probabilistic Systems is considered a graduate-level course and can be counted.
• At least 9 courses from Electrical Engineering, Computer Engineering, or Computer Science. Any courses taken outside ECE or CS must be approved by the student’s advisor.
• At least 6 courses having the ELEC_ENG prefix, with the following exceptions: ELEC_ENG 499-0 Projects and ELEC_ENG 590-0 Research do not count towards these six, but COMP_ENG 303-0 Advanced Digital Design and COMP_ENG 391-0 CMOS VLSI Circuit Design do count towards these six.
• At least 3 courses at the 400-level or above, including ELEC_ENG 499-0 Projects but not including ELEC_ENG 590-0 Research.
• The only P/N course acceptable for the master’s degree program is ELEC_ENG 590-0 Research.
• Additional requirements are listed in the ECE graduate study manual.

Plan 1: Thesis
Additional requirements:

• Up to three credits may be ELEC_ENG 590-0 Research.
• A written thesis is required, in a format specified by the thesis committee.

Plan 2: Project
Additional requirements:

• Up to two credits may be ELEC_ENG 590-0 Research.
• A project report is required, in a format specified by the project committee.

Plan 3: Course-only
Additional requirements:

• ELEC_ENG 590-0 Research may not be included in the 12 required units.