

# MECHANICAL ENGINEERING, MASTER OF SCIENCE (M.S.)

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**Thesis option:** 30 credits

**Non-thesis option (scholarly paper):** 30 credits

The M.S. degree program offers thesis and non-thesis options. The thesis option requires 24 credit hours of coursework and 6 credits of thesis research. Students who enroll directly in the Ph.D. program or students who transfer into the Ph.D. program from the M.S. program by passing the Ph.D. qualifying examination may obtain a non-thesis M.S. degree upon advancing to doctoral candidacy. The non-thesis option requires 30 credit hours of coursework, and a scholarly paper. All students must complete the Program Core requirements as well as all of the Graduate School requirements.

The M.S. Coursework Plan sets forth the courses required to be taken by the student in partial fulfillment of the M.S. degree requirements. The coursework plan must be prepared in consultation with a faculty advisor in the student's technical area of interest, and submitted to the Graduate Office (2168 Glenn L. Martin Hall) for approval by the Director of Graduate Studies at the beginning of the first semester of study. Changes to the plan are permitted, but must be approved by the student's advisor and the Director of Graduate Studies prior to their implementation. A new coursework plan reflecting the changes must be filed with the ME Graduate Office every time changes are made.

Course	Title	Credits
<b>Core Requirements</b>		
Thesis Option: Complete 24 hours of approved coursework <sup>1</sup>		24
ENME799	Master's Thesis Research	6
Non-Thesis Option: Complete 30 credits of approved coursework and scholarly paper.		
<b>Total Credits</b>		<b>30</b>