MECHANICAL ENGINEERING: RESEARCH, M.S.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirements/text), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

**Evening/Weekend:** Courses meet on the UW-Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW-Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirements Detail

<table>
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<tr>
<th>Minimum Credit Requirement</th>
<th>30 credits</th>
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<tr>
<th>Minimum Residence Credit Requirement</th>
<th>Thesis track: 21 credits.</th>
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<tbody>
<tr>
<td>Independent Study track: 18 credits (Fall 2021 is the final term in which students can select this track. Students admitted to Spring 2022 and beyond will be required to follow the 'thesis' track.)</td>
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<tr>
<th>Minimum Graduate Coursework Requirement</th>
<th>At least 50% of credits applied toward the graduate degree credit requirement must be completed in graduate-level coursework.</th>
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<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required.</td>
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Other Grade Requirements

The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.

Assessments and Examinations

The M.S. Mechanical Engineering: Research, thesis track requires the student pass a formal thesis defense. The independent study track does not require a thesis.

Language Requirements

No language requirements.

REQUIRED COURSES

Two semesters of M E 903 Graduate Seminar are required. These should be taken the first two semesters the student is in residence.

**Thesis Track Required Courses:**

A minimum of 18 formal course credits (minimum of 9 formal course credits in ME taken at UW–Madison); at least 3 of these credits must be numbered 700 or higher, and a minimum of 9 thesis credits (M E 790 Master’s Research and Thesis).

**Independent Study Track Required Courses:** (Fall 2021 is the final term in which students can select this track. Students admitted to Spring 2022 and beyond will be required to follow the 'thesis' track.)

A minimum of 24 formal course credits (minimum of 15 formal course credits in ME taken at UW–Madison); at least 3 of these credits must be numbered 700 or higher, and a minimum of 3 independent study credits (M E 699 Advanced Independent Study).

Advisor Approval of Study Plan

The faculty advisor must always approve the courses a student takes in the MS program. Students should schedule an appointment with their adviser when selecting their courses. During the final semester, the faculty advisor will review the courses taken again and if approved, sign the warrant request form.