PhD in Mechanical Engineering

Admission Requirements
In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** Mechanical engineering. The degree must be from an American Board of Engineering Technology (ABET) accredited college or university or equivalent.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester hours (90 quarter hours) of undergraduate study. A grade point average of at least 3.50 is preferred for applicants to the PhD program.
- **Tests Required** International applicants are required to take the GRE. Applicants seeking a teaching or research assistantship are strongly encouraged to take the GRE General.
- **Minimum English Competency Test Score**
  - TOEFL 550 (paper-based); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Internet-based), OR
  - IELTS 6.5, with subscores of 6.0 for all four subscores, OR
  - PTE-Academic 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required.
- **Personal Statement** Required.
- **Other Requirements** Admission to the PhD program is not automatic for students completing their MS degree in the department. Master’s students who desire to continue on to the PhD must see the department’s graduate coordinator for forms to apply to the PhD program.
- **Nondegree Applicants** Nondegree applicants may be admitted for no more than 8 semester hours.
- **Deadlines** The application deadline is the same as the Graduate College deadline; the deadline for applicants who want to be considered for funding can be found on the Graduate College website at http://grad.uic.edu/deadlines.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 108 from the baccalaureate.
- **Students must complete one of the following two options:**

I. **Direct PhD** (108 hours total from the baccalaureate)

**Course Work (48 hours)**
Select 24 hours at the 500-level
- Excluding ME 596, ME 598, and ME 599
- 4 hours of mathematics and statistics (ME 594 - Math may be used toward this requirement) $^a$

Remaining 24 hours
- Up to 4 hours of ME 596 can be used
- At least 8 hours must be in ME rubric

II. **PhD Post MS** (108 hours total, including 32 hours transferred from the MS). **Credit for MS Degree**: Those having an MS degree from an accredited institution will be awarded 32 semester hours of credit toward the PhD degree requirement, which includes 24 hours of course work and 8 hours of ME 599.

**Course Work (24 hours)**
Select 12 hours at the 500-level
- Excluding ME 596, ME 598, and ME 599
- 4 hours of mathematics and statistics (ME 594 - Math may be used toward this requirement) $^a$

Remaining 12 hours at the 400- or 500-level
- Up to 4 hours of ME 596 can be used
- At least 8 hours must be in ME rubric
- 4 hours of mathematics and statistics (may be at the 400- or 500-level; ME 494 - Math may be used toward this requirement) $^a$

**Additional courses**

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ME 599</td>
<td>Ph.D. Thesis Research (60 hours)</td>
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<tr>
<td>ME 595</td>
<td>Mechanical Engineering Seminar $^b$</td>
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$^a$ Rubrics MATH and STAT are allowed with approval of the advisor and director of graduate studies.

$^b$ All students must enroll in ME 595 every fall and spring semester.

**Financial Aid**
There are several different forms of financial aid available to incoming graduate students: University Fellowship, Teaching Assistantships, Research Assistantships, and Tuition and Fee Waivers. Applicants may seek financial aid by completing the Application for Graduate Appointment as part of the online application. They will automatically
be considered for all four forms of financial aid listed above. Additional information can be found on the MIE website at http://www.mie.uic.edu.