ENGINEERING, MENG

for the degree of Master of Engineering in Engineering

The Grainger College of Engineering offers a Master of Engineering (MEng) degree program for students whose primary intent is a professional career in industry or government. This degree differs from the Master of Science (MS) degree in that it is a professionally oriented master's degree that is not a pathway to a doctoral program. The Major in Engineering for the M.Eng. degree requires the selection of an interdisciplinary concentration, which must be identified at the time of application. Available concentrations are:

- Aerospace Systems Engineering (http://catalog.illinois.edu/graduate/engineering/engineering-meng/aerospace-systems/)
- Autonomy and Robotics (http://catalog.illinois.edu/graduate/engineering/engineering-meng/autonomy-robotics/)
- Digital Agriculture (http://catalog.illinois.edu/graduate/engineering/engineering-meng/digital-agriculture/)
- Energy Systems (http://catalog.illinois.edu/graduate/engineering/engineering-meng/energy-systems/)
- Instrumentation and Applied Physics (http://catalog.illinois.edu/graduate/engineering/engineering-meng/instrumentation-applied-physics/)
- Plasma Engineering (http://catalog.illinois.edu/graduate/engineering/engineering-meng/plasma-engineering/)
- Railway Engineering (http://catalog.illinois.edu/graduate/engineering/engineering-meng/railway/)

**Admission**

Students with bachelor's or master's degrees in engineering or related sciences will be considered for admission if they have a grade point average of at least 3.00 (A = 4.00) for the last two years of undergraduate study. Admission is possible for the both the fall and spring semesters. Full details of admission requirements are on the Web page of the department offering the concentration.

All applicants whose native language is not English are required to submit TOEFL (http://www.toefl.org/) or International English Language Testing System (IELTS) (http://www.ielts.org/) scores as evidence of English proficiency. Minimum admission requirements (https://grad.illinois.edu/admissions/instructions/04c/) are set by the Graduate College. Higher requirements may be imposed by specific concentrations.

**Financial Aid**

Students in concentrations under the MEng in Engineering major are not eligible for Board of Trustees (BOT) tuition-waiver generating assistantships at the University of Illinois. Students are encouraged to seek external funding for which they may be eligible, and refer to their program of interest’s website to learn about potential funding resources.

Students pursuing this major must select one of the concentrations below:

- Aerospace Systems Engineering (http://catalog.illinois.edu/graduate/engineering/engineering-meng/railway/)
- Autonomy & Robotics
- Digital Agriculture
- Energy Systems
- Instrumentation and Applied Physics
- Plasma Engineering
- Railway Engineering (36 credit hours)

For additional details and requirements, please refer to the Web page of the concentration’s home unit and the Graduate College Handbook (http://grad.illinois.edu/gradhandbook/).

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td>Professional Development (an internship with a company, laboratory, or agency with a subsequent archiveable report; a design project; or business-oriented or leadership courses)</td>
<td>4</td>
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<tr>
<td></td>
<td><strong>Concentration hours</strong></td>
<td>28</td>
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<td>Technical course work in primary area and one course from outside the primary area (12-20 hours)</td>
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<td>Elective courses 0-8 hours chosen in consultation with advisor.</td>
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<td></td>
<td><strong>Total Hours</strong></td>
<td>32</td>
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Information listed in this catalog is current as of 10/2022
Other Requirements and Conditions

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
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<td>Other Requirements and Conditions may overlap</td>
<td>A concentration is required.</td>
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<tr>
<td>A minimum of 12 500-level credit hours with a minimum of 8 500-level</td>
<td>credit hours applied toward the concentration.</td>
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<td>A minimum of 8 hours must be in ENG or the home unit of the concentration.</td>
<td>Minimum program GPA: 3.0</td>
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Associate Dean for Graduate, Professional and Online Programs: Daniel Bodony

Grainger Admissions & Requirements (https://grainger.illinois.edu/academics/graduate/)
Graduate Admissions (https://grad.illinois.edu/admissions/apply/)
Grainger College of Engineering Website (https://grainger.illinois.edu/)

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