ENGINEERING, MENG

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https://grainger.illinois.edu/academics/graduate

Executive Director of Graduate Programs: Rhonda McElroy
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Major: Engineering
Degrees Offered: M.Eng. with concentrations available in Energy Systems (http://catalog.illinois.edu/graduate/graduate-majors/npre/ms-engineering-concentration-energy-systems) and in Railway Engineering (http://railwaymeng.engineering.illinois.edu).

A graduate concentration in Computational Science and Engineering, which is not a part of the M.Eng. in Engineering degree, is administered at the college level through CSE and is available for several programs within the College of Engineering and the College of Liberal Arts and Sciences.

Graduate Degree Programs
The Grainger College of Engineering offers a Master of Engineering (M.Eng.) degree program for students whose primary intent is a professional career in industry or government. This degree differs from the Master of Science (M.S.) degree in that it is a professional master's degree and is not a pathway to a doctoral program. The Major in Engineering for the M.Eng. degree requires the selection of an interdisciplinary concentration.

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 must submit a minimum TOEFL (http://www.toefl.org) score of 103 (iBT), 257 (CBT), or 613 (PBT); or minimum International English Language Testing System (IELTS) (http://www.ielts.org) academic exam scores of 7.0 overall and 6.0 in all subsections. Applicants may be exempt from the TOEFL if certain criteria (http://grad.illinois.edu/admissions/instructions/04c) are met. Full admission status (http://grad.illinois.edu/admissions/instructions/04c) is granted for those meeting the minimum requirements and having taken the TOEFL or IELTS since the scores required for admission to M.Eng. are above the minimum scores demonstrating an acceptable level of English language proficiency.

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).

Master of Engineering in Engineering, must include a Concentration

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<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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<td>Technical course work in primary area and one course from outside the primary area (12-20 hours)</td>
<td>28</td>
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<td></td>
<td>Elective courses 0-8 hours chosen in consultation with advisor.</td>
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<tr>
<td>Total Hours</td>
<td></td>
<td>32</td>
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Other Requirements and Conditions

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<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 credit hours applied toward the concentration.</td>
<td>A minimum of 8 hours must be in ENG or the home unit of the concentration.</td>
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<td>Minimum program GPA:</td>
<td>3.0</td>
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Available Concentrations:

- Computational Engineering (http://catalog.illinois.edu/graduate/graduate-majors/mechse/computational-eng)
- Energy Systems (http://catalog.illinois.edu/graduate/concentrations/energy-systems-meng)
- Railway Engineering (http://catalog.illinois.edu/graduate/graduate-majors/civil-envir-engin/#concentrationtext)

Information listed in this catalog is current as of 12/2019