RELIABILITY ENGINEERING (PMRE)

Graduate Degree Program
College: Engineering

Abstract

The Professional Master of Engineering program is designed to assist engineers and technical professionals in the development of their careers and to provide the expertise needed in the rapidly changing business, government, and industrial environments.

Our reliability engineering degree program provides qualified engineers with the tools they will need to better understand the factors that cause components and systems to fail. This interdisciplinary option is offered by the Department of Mechanical Engineering. Students pursuing a reliability engineering masters degree will study topics such as the mechanisms and physics of failure, methods for reliability, maintainability engineering, life cycle costing, and equipment sparing policies.

For domestic students the program can be completed on a part-time basis, however international students must be enrolled full time.

Financial Assistance

Students in this program pay a special tuition rate, which does not differ between residents and non-residents of Maryland. This rate is not fully covered by graduate assistantships, fellowships or the tuition remission. Additional graduate student fees are charged. Tuition and fees are subject to change.

This program does not provide departmental assistantships or fellowships. Loans, work-study and need-based grants for citizens and permanent residents with demonstrated financial need may submit a Free Application for Federal Student Aid (FAFSA) by appropriate FAFSA deadlines. For more information on this process, visit: https://fafsa.ed.gov/deadlines.htm.

Contact

Visit the MAGE Website for Additional Information: www.mage.umd.edu
Maryland Applied Graduate Engineering
2105 J.M. Patterson Building
4356 Stadium Drive
University of Maryland
College Park, MD 20742
Telephone: 301.405.0362
Email: mage@umd.edu
Website: www.mage.umd.edu

Requirements

- Transcript(s)
- TOEFL/IELTS/PTE (international graduate students (https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/))

PROGRAM-SPECIFIC REQUIREMENTS

- Letters of Recommendation (3)
- Graduate Record Examination (GRE) (optional)
- CV/Resume (optional)

APPLICATION DEADLINES

<table>
<thead>
<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
<th>Spring Deadline</th>
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<tbody>
<tr>
<td>Domestic Applicants</td>
<td></td>
<td></td>
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<tr>
<td>US Citizens and Permanent Residents</td>
<td>July 31, 2024</td>
<td>December 15, 2023</td>
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<tr>
<td>International Applicants</td>
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<tr>
<td>F (student) or J (exchange visitor)</td>
<td>March 8, 2024</td>
<td>September 26, 2023</td>
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<td>visas,E,G,H,I and L visas and immigrants</td>
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RESOURCES AND LINKS:

Other Deadlines: mage.umd.edu/admissions (https://mage.umd.edu/admissions/)
Program Website: mage.umd.edu (https://mage.umd.edu/)
Application Process: gradschool.umd.edu/admissions (https://gradschool.umd.edu/admissions/)

REQUIREMENTS

- Reliability Engineering, Master of Engineering (M.Eng.) (https://academiccatalog.umd.edu/graduate/programs/reliability-engineering-pmere/reliability-engineering-meng/)

FACILITIES AND SPECIAL RESOURCES

This program is currently offered in-person at the College Park Campus. In addition to in-person courses, you may have the option to take some course requirements in an online format. Course format offerings are subject to change.

This program is also offered 100% online. Please see Reliability Engineering (MERE) for more information.

ADMISSIONS

GENERAL REQUIREMENTS

- Statement of Purpose (https://advancedengineering.umd.edu/application-process/)