ENERGY SYSTEMS ENGINEERING (ONLINE) (Z082)

Graduate Certificate Program
College: Engineering

Abstract
The Graduate Certificate in 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.

Drawing on the innovation and expertise of the University of Maryland Energy Research Center, the Energy Systems Engineering graduate program prepares professional engineers for the multi-disciplinary challenges of this rapidly growing field. Students can build on the core coursework through our defined elective sets in reliability engineering and energy systems or by mixing and matching technical electives.

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.

CONTACT
Visit the MAGE Website for Additional Information: www.mage.umd.edu (https://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: https://mage.umd.edu/

Courses: ENCH (https://umd-curr.courseleaf.com/graduate/courses/ENCH/) ENPM (https://umd-curr.courseleaf.com/graduate/courses/ENPM/)

ADMISSIONS

GENERAL REQUIREMENTS
• Statement of Purpose (https://advancedengineering.umd.edu/apply/)
• Transcript(s)

PROGRAM-SPECIFIC REQUIREMENTS
• Graduate Record Examination (GRE) (optional)
• CV/Resume (optional)
• Letter of Recommendation (optional)

*Visa Eligibility: This program is not eligible for I-20 or DS-2019 issuance by the University of Maryland.

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, 2025</td>
<td>December 17, 2024</td>
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<tr>
<td>International Applicants</td>
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<tr>
<td>F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants</td>
<td>July 31, 2025</td>
<td>December 17, 2024</td>
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</tbody>
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RESOURCES AND LINKS:
Program Website: mage.umd.edu (https://mage.umd.edu/)
Application Process: gradschool.umd.edu/admissions (https://gradschool.umd.edu/admissions/)

REQUIREMENTS
• Energy Systems Engineering, Post-Baccalaureate Certificate (P.B.C.) (https://academiccatalog.umd.edu/graduate/programs/energy-systems-engineering-online-z082/energy-systems-engineering-pbc/)

FACILITIES AND SPECIAL RESOURCES
This program is currently offered 100% online. The Clark School of Engineering's Distance Education Technology and Services (DETS) office administers a live interactive distance education system and webcast course capture for students to take courses as they are happening, in some instances, or at a time convenient for their schedule each week. In addition to lecture dissemination, DETS provides state-of-the-art chat, bulletin board, video chat, group presentation, and discussion technologies that give our distance students the same, if not more access to faculty and their fellow students.