SOFTWARE ENGINEERING
(Z065)

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.

Our programs in Software Engineering program is concerned with
developing and maintaining software systems that behave reliably
and efficiently. This is done by applying the latest Software Engineering
principles and methods to large projects at NASA, DARPA,
Raytheon, and Lockheed Martin. Courses focus on three technical areas—
cybersecurity, computer engineering, and systems engineering—preparing
students to help solve pressing real-world problems.

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.

Program-Specific Requirements
- Two (2) Letters of Recommendation are required for anyone with an
undergraduate GPA below 3.0. Anyone with a GPA 3.0 or above should
contact the Office of Advanced Engineering Education with a request
to waive this requirement.

For additional program-specific admission requirements, please visit: https://
advancedengineering.umd.edu/software.

*Visa Eligibility: This program is not eligible for I-20 or DS-2019 issuance
by the University of Maryland. For anyone needing these documents,
consider applying for a full-time master's program offered on campus

Applicants with an undergraduate GPA of less than 3.0 may be
admitted on a provisional basis if they have demonstrated satisfactory
performance in another graduate program and/or their work has been salutary.

Applicants with foreign credentials must submit academic records in the
original language with literal English translations. Allow at least three
months for evaluation of foreign credentials. International applicants
are advised to review the Graduate School English requirements to learn
whether or not the submission of TOEFL or IELTS scores is required.
For more information on the Office of Advanced Engineering Education
admissions process: https://advancedengineering.umd.edu/application-
process.

For more admissions information or to apply to the program, please visit
our Graduate School website: www.gradschool.umd.edu/admissions

Application Deadlines

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<thead>
<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
<th>Spring Deadline</th>
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<tbody>
<tr>
<td>US Citizens and</td>
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<tr>
<td>Permanent Residents</td>
<td>26 July</td>
<td>14 Dec</td>
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<tr>
<th>International Applicants</th>
<th>program not currently accepting applications</th>
<th>program not currently accepting applications</th>
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<tr>
<td>F (student) or J</td>
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<td>(exchange visitor) visas; A,E,G,H,I and L visas and immigrants</td>
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Other Deadlines: Please visit the program website at http://www.advancedengineering.umd.edu

Requirements
- Software Engineering, Post-Baccalaureate Certificate (P.B.C.) (https://
academiccatalog.umd.edu/graduate/programs/software-engineering-
z065/software-engineering-pbc)

Facilities and Special Resources
This program is currently offered in-person at the College Park Campus
and at off-campus centers via video-teleconferencing. 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 or at a time convenient for their schedule. Remote sites
around the State of Maryland where our courses can be taken live via
DETS are at the Universities at Shady Grove in Montgomery County, and
the Southern Maryland Higher Education Center in St. Mary's County.
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.

The Clark School's Engineering Information Technology group also provides access to needed software and computer resources through dedicated virtual computer terminals that allow distance students full access to licensed software, libraries, databases, and specialized programs.

**Faculty**

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First/Middle Name</th>
<th>Graduate Faculty Status</th>
<th>Academic Credentials</th>
<th>Positions</th>
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