

CHEMICAL AND BIOMOLECULAR ENGINEERING (Z055)

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.

From biological engineering to nanotechnology, our Chemical and Biomolecular degree programs provide students with a fundamental understanding of physical, chemical, and biological processes. Courses also empower students to apply this knowledge to products and the processes by which they are made

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

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Website: <http://www.advancedengineering.umd.edu>

Courses: ENCH (<https://academiccatalog.umd.edu/graduate/courses/ench>)

Admissions

General Requirements

- Statement of Purpose (<https://advancedengineering.umd.edu/application-process>)
- Transcript(s)

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

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/chemical-biomolecular>.

***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 (<https://gradschool.umd.edu/engineering/meng-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

Type of Applicant	Fall Deadline	Spring Deadline
Domestic Applicants		
US Citizens and Permanent Residents	Fall 2019: 26 July	13 Dec
	Fall 2020: 31 July	
International Applicants		
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants	This certificate is not currently accepting applications	This certificate is not currently accepting applications

Other Deadlines: Please visit the program website at <http://www.advancedengineering.umd.edu>

Requirements

- Chemical and Biomolecular Engineering, Post-Baccalaureate Certificate (P.B.C.) (<https://academiccatalog.umd.edu/graduate/programs/chemical-biomolecular-engineering-z055/chemical-biomolecular-engineering-pbc>)

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

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course requirements in an online format. Course format offerings are subject to change.