Marine, Estuarine, and Environmental Sciences (MEES)

Graduate Degree Program
College: Computer, Mathematical, and Natural Sciences

Abstract
The specific objective of the university-wide Graduate Program in Marine-Estuarine-Environmental Sciences (MEES) is the training of qualified graduate students, working toward the M.S. or Ph.D. degree, who have research interests in fields of study that involve interactions between biological, physical and chemical systems in the marine, estuarine, freshwater or terrestrial environments. The MEES curriculum provides a balance of disciplinary strength and interdisciplinary perspective, designed for environmental issues in the 21st century. The MEES Curriculum is designed around four interdisciplinary Foundational Areas: 1) Environment and Society (http://mees.umd.edu/environment-and-society-page/); 2) Earth and Ocean Sciences (http://mees.umd.edu/earth-ocean-sciences-page/); 3) Ecological Systems (http://mees.umd.edu/ecological-systems/), and 4) Environmental Molecular Science and Technology (http://mees.umd.edu/environmental-molecular-science-technology/).

Financial Assistance
University fellowships, research assistantships and traineeships, and teaching assistantships are available. In general, aid provides for full living and educational expenses. Some partial assistance may also be available. Research support from federal, state, and private sources often provides opportunities for additional student support through either research assistantships or part-time employment on research projects.

Contact
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Admissions

General Requirements
• Statement of Purpose
• Transcript(s)
• TOEFL/IELTS/PTE (international graduate students (https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/))

Program-Specific Requirements
• Letters of Recommendation (3)
• CV/Resume

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>
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<tr>
<td>US Citizens and Permanent Residents</td>
<td>January 18, 2023</td>
<td>N/A</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>January 18, 2023</td>
<td>N/A</td>
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Other Deadlines: Please visit the program website at http://www.mees.umd.edu

Requirements
• Marine, Estuarine, and Environmental Sciences, Doctor of Philosophy (Ph.D.) (https://academiccatalog.umd.edu/graduate/programs/marine-estuarine-environmental-sciences-mees/marine-estuarine-environmental-sciences-phd/)
• Marine, Estuarine, and Environmental Sciences, Master of Science (M.S.) (https://academiccatalog.umd.edu/graduate/programs/marine-estuarine-environmental-sciences-mees/marine-estuarine-environmental-sciences-ms/)

Facilities and Special Resources
Students may conduct their research in the laboratories and facilities of the College Park (UMCP), Baltimore (UMB), Baltimore County (UMBC), or Eastern Shore (UMES) campuses, in one of the laboratories of the University's Center for Environmental Studies (UMCES): the Chesapeake Biological Laboratory (CBL) at Solomons, Maryland; the Horn Point Laboratory (HPL) near Cambridge, Maryland; and the Appalachian Laboratory (AL) in Frostburg, Maryland; or at the Institute of Marine and Environmental Technology (IMET) in Baltimore. CBL and HPL are located on the Chesapeake Bay. They include excellent facilities for the culture of marine and estuarine organisms. Berthed at CBL are the University's research vessels. At HPL there are extensive marshes, intertidal areas, oyster shoals, tidal creeks, and rock jetties. AL, located in the mountains of western Maryland, specializes in terrestrial and freshwater ecology. On the campuses and at IMET are specialized laboratory facilities for environmental research, including microbiology; biotechnology; water chemistry; cellular, molecular, and organismal biology; and specialized facilities for remote sensing of the environment. Extensive field sites for environmental research are available through the University's agricultural
programs and through cooperation with many other organizations in the state.