TOXICOLOGY (TOXI)

Graduate Degree Program
College: Public Health

Abstract
The Doctoral Program in Toxicology and Environmental Health at the Maryland Institute for Applied Environmental Health (MIAEH) is part of the University of Maryland System-Wide Graduate Program in Toxicology. Our students focus on chemical, biological and/or physical exposures and the related physiological and environmental vulnerabilities and susceptibilities. Students will master an essential core of knowledge in toxicology and environmental and occupational health, exposure sciences, risk assessment, epidemiology, and biostatistics. The consequences of the built environment and environmental injustice are a critical part of the overall program. Elective courses and rotations with faculty-led field studies and laboratories, offer students the background and tools needed to specialize within the broader area of toxicology and applied environmental public health. Applicants should review faculty interests and establish a dialogue (email/phone) with one or more faculty before applying.


Financial Assistance
MIAEH seeks to provide Financial Assistance for all accepted students on the PhD program, this usually takes place through early Spring via faculty / school level discussions for each applicant.

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Relationships: Environmental Health Sciences (MIEH) (https://academiccatalog.umd.edu/graduate/programs/environmental-health-sciences-mieh)

Epidemiology (EPID) (https://academiccatalog.umd.edu/graduate/programs/epidemiology-epid)

Admissions
Applications should be submitted through the Schools of Public Health Application Service, (SOPHAS), at www.SOPHAS.org (http://www.SOPHAS.org). Remember to designate the University of Maryland School of Public Health, College Park (SOPHAS Code 0485) as one of your school choices along with your desired program. SOPHAS will verify submission, and if complete, SOPHAS will inform the University of Maryland Graduate School. The verification process can take 4-6 weeks to complete. We do not accept materials outside of the SOPHAS process. The University of Maryland Graduate School requires a Supplemental Application and a Supplemental Application Fee of $75 for each program. This request will be made by the Graduate School once your SOPHAS information is verified by SOPHAS. MIAEH will be able to review ONLY after both stages above are complete, thus there may be a some delay in you submitting and getting a final decision.

PhD Admissions Criteria
• Minimum 3.0 undergraduate GPA; outstanding performance in relevant courses
• Completion of a relevant master’s degree
• Official GRE scores may be waived for students with previous advanced degrees, please contact the department to discuss GRE requirements.
• Three letters of recommendation that address academic capabilities. The statement of purpose should address each of the following questions:
  1. describe your specific areas of interest within environmental health;
  2. which primary faculty members in the Maryland Institute of Applied Environmental health do you think most closely share your areas of interest;
  3. what previous experiences have influenced your decision to pursue a degree in environmental health;
  4. how do you believe UMD’s program will help you reach your career goals; and
  5. how do you see yourself using this degree in the five years following graduation?
• Relevant academic/work experience, including previous coursework in human biology or physiology, demonstration of proficiency in environmental health, statistical methods and statistical software, and research presentation or publication experience.

Applicants are strongly recommended to communicate with our faculty in their area(s) of interest before applying.

Application Deadlines

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<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
<th>Spring Deadline</th>
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<tbody>
<tr>
<td>Domestic Applicants</td>
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<td>N/A</td>
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<tr>
<td>US Citizens and Permanent Residents</td>
<td>Priority: 16 Nov / Final: 15 Feb</td>
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International Applicants
Other Deadlines: Please visit the program website at http://sph.umd.edu/department/miaeh

Requirements

- Toxicology and Environmental Health, Doctor of Philosophy (Ph.D.)
  (https://academiccatalog.umd.edu/graduate/programs/toxicology-toxi/toxicology-environmental-health-phd)
- Toxicology, Master of Science (M.S.)
  (https://academiccatalog.umd.edu/graduate/programs/toxicology-toxi/toxicology-ms)

Facilities and Special Resources

The proximity of the University of Maryland, College Park to the nation’s capital offers prospective students unparalleled opportunities for internships and research experiences in public health, including placements at the National Institutes of Health, the CDC Washington Office, the U.S. Department of Health and Human Services, Children’s National Medical Center, the Maryland Department of Health and Mental Hygiene, and many other national, state, and local health agencies. The diversity of cultural and socioeconomic groups, communities, industries, and health organizations provides a rich environment for learning, research, public policy analysis, and service.