Epidemiology (EPDM)

Graduate Degree Program
College: Public Health

Abstract

Epidemiology is the study of the distribution and determinants of disease, and other health states in human populations. As the fundamental science of public health practice, epidemiology provides the conceptual and applied tools necessary for the study of public health problems. The MPH with a concentration in Epidemiology is a 45-credit professional degree that prepares graduates to work in public health services as practitioners, researchers, administrators, and consultants. A full-time student may complete our program in 2 years. Part-time students may take up to 4 years to complete the program. The majority of courses are offered in the evenings. In addition to coursework, all epidemiology master’s students are required to complete a 240-hour internship and a capstone project.

Our proximity to the nation’s capital offers students unparalleled opportunities for research experiences in public health, including placements at the National Institutes of Health, National Center for Health Statistics, Centers for Disease Control, Food and Drug Administration, the Maryland Department of Health and Mental Hygiene, and many other national, state, and local health agencies.

Contact

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Website: http://sph.umd.edu/department/epib (http://sph.umd.edu/department/epib/)

Courses: EPIB (https://umd-curr.courseleaf.com/graduate/courses/epib/) SPHL (https://umd-curr.courseleaf.com/graduate/courses/sphl/)

Relationships: Biostatistics (BIOS) (https://academiccatalog.umd.edu/graduate/programs/biostatistics-bios/) Epidemiology (EPID) (https://academiccatalog.umd.edu/graduate/programs/epidemiology-epid/)

Admissions

The MPH in Epidemiology program has a two-step application process. Applicants first submit the SOPHAS application (www.sophas.org (https://sophas.org/)), the centralized application service for schools and programs of public health (Step 1). Once the SOPHAS application has been verified applicants will submit their UMD Supplemental application (Step 2). Applicants will receive an email from the SPH Admissions team with instructions for how to complete the UMD Supplemental Application. Applications will not be reviewed until both the SOPHAS and UMD Supplemental applications are completed.

GENERAL ADMISSION REQUIREMENTS

• A Bachelor’s degree
• Minimum 3.0 undergraduate GPA
• At least one undergraduate statistics course
• Transcripts from all previous coursework
• English proficiency test score (TOEFL, IELTS or PTE) (international applicants (https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/))
• Statement of purpose and objectives including career and educational goals, professional experience, and areas of interest

PROGRAM SPECIFIC REQUIREMENTS

• SOPHAS application
• UMD Supplemental application
• Three letters of recommendation
• Resume or curriculum vitae
• Fit between applicant’s goals and expectations and program degree competencies
• Official GRE Test Scores submission is optional*. If you decide to submit your GRE scores, please have ETS send scores to SOPHAS (code 0485) and UMD (code 5814)

*The review committee will evaluate GRE scores if they are submitted. The lack of scores will not negatively impact applications. If submitted, the program considers competitive scores to be 50th percentile or higher in each of the three parts.

APPLICATION DEADLINES

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<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
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<tbody>
<tr>
<td>Domestic Applicants</td>
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<tr>
<td>US Citizens and Permanent Residents</td>
<td>SOPHAS - Priority: 17 Dec / Final: 6 May</td>
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<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>SOPHAS - Priority: 17 Dec / Final: 11 Feb</td>
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RESOURCES AND LINKS

Application Process: https://sph.umd.edu/admissions/graduate-admissions/graduate-application-process (https://sph.umd.edu/admissions/graduate-admissions/graduate-application-process/)
Admissions FAQ: https://sph.umd.edu/admissions/graduate-admissions/graduate-application-faqs (https://sph.umd.edu/admissions/graduate-admissions/graduate-application-faqs/)
Requirements

• Epidemiology, Master of Public Health (M.P.H.) (https://academiccatalog.umd.edu/graduate/programs/epidemiology-epdm/epidemiology-mph/)

Facilities and Special Resources

The Department of Epidemiology and Biostatistics faculty includes individuals with multi-faceted interests in both epidemiology and biostatistics. Our faculty has multi-faceted interests and expertise in the epidemiology of infectious disease and chronic disease with particular focus in the areas of HIV/STIs, cancer, health disparities, cardiovascular disease, obesity/physical activity, and sexual and reproductive health. Additional areas of specialization include social and behavioral determinants of health, aging, cultural competency, and community-based interventions. Biostatistics faculty apply statistical techniques including survival and longitudinal analysis, computational statistics, statistical analysis of genomic and proteomic data, machine learning, neuroimaging statistics, (network) meta-analysis, missing data analysis, Bayesian hierarchical methods, and bioinformatics to analyze and interpret health data.