

# 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-part application process: applicants must submit the SOPHAS application ([www.sophas.org](http://www.sophas.org)) (<https://sophas.org/>), the centralized application service for schools and programs of public health, and the UMD Supplemental application (<http://terpengage.force.com/community/CustomLoginPage/?GradApp=True>). Both applications must be submitted and verified by the scheduled deadline (<https://sph.umd.edu/admissions/graduate-admissions/graduate-application-process/>). Applications will be reviewed when the SOPHAS and the 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)  
*\*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.*

Note for applicants with foreign credentials:

- The SOPHAS application requires that applicants submit a WES credential evaluation ([https://help.liaisonedu.com/SOPHAS\\_Applicant\\_Help\\_Center/Sending\\_Your\\_Official\\_Transcripts\\_and\\_Test\\_Scores\\_to\\_SOPHAS/Sending\\_Official\\_Transcripts\\_to\\_SOPHAS/2\\_Foreign\\_and\\_French-Canadian\\_Transcripts/](https://help.liaisonedu.com/SOPHAS_Applicant_Help_Center/Sending_Your_Official_Transcripts_and_Test_Scores_to_SOPHAS/Sending_Official_Transcripts_to_SOPHAS/2_Foreign_and_French-Canadian_Transcripts/))
- The UMD supplemental application requires the upload of unofficial transcripts issued in the original language with a literal English translation. Visit the Graduate School website for additional information (<https://gradschool.umd.edu/admissions/international-admissions/>)
- Evidence of English Language proficiency is required if the applicant does not hold a degree from a U.S. institution or from one of the English-speaking countries listed on the Graduate School website (<https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/>)
- Language scores must be submitted both to SOPHAS and UMD supplemental application

For detailed instructions on how to submit your application, please visit the School of Public Health Website: (<https://sph.umd.edu/admissions/graduate-admissions/graduate-application-process>) (<https://sph.umd.edu/admissions/graduate-admissions/graduate-application-process/>)

## APPLICATION DEADLINES

Type of Applicant	Fall Deadline
<b>Domestic Applicants</b>	
US Citizens and Permanent Residents	April 5, 2024 (final)
The <b>priority deadline</b> for both SOPHAS and UMD applications is December 15, 2023	
<b>International Applicants</b>	

F (student) or J (exchange visitor) March 8, 2024 (final)  
visas; A,E,G,H,I and L visas and  
immigrants

The **priority deadline** for both  
SOPHAS and UMD applications is  
December 15, 2023

## RESOURCES AND LINKS

**Program Website:** <https://sph.umd.edu/academics/masters-degrees/mph-master-public-health/mph-epidemiology> (<https://sph.umd.edu/academics/masters-degrees/mph-master-public-health/mph-epidemiology/>)

**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.