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

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

GENERAL ADMISSION REQUIREMENTS
• Minimum 3.0 undergraduate GPA
• At least one undergraduate math course (M.S. applicants)
• 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 (https://sophas.org/): Applications for this School of Public Health Program must first be submitted through the Public Health application system, www.SOPHAS.org (https://sophas.org/). SPH applicants should only complete the UMD application after their SOPHAS application has been verified and you have been notified to complete the UMD application
• Graduate Record Examination (GRE) (optional)

APPLICATION DEADLINES

Type of Applicant | Fall Deadline
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Domestic Applicants | US Citizens and Permanent Residents January 14, 2022 (priority) / June 3, 2022 (final)

International Applicants | F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants January 14, 2022 (priority) / March 11, 2022 (final)

RESOURCES AND LINKS

Program Website: 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

Admissions FAQ: 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.