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.

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Courses: EPIB (https://umdcourseleaf.com/graduate/courses/epib) SPHL (https://umdcourseleaf.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
PART 1. SOPHAS APPLICATION

• Complete the online SOPHAS application (http://www.sophas.org).
• Choose the University of Maryland College Park School of Public Health program (http://sophas.org/program-finder/?institution=1016) to which you would like to apply.
• You may apply to only one UMD SPH program per application cycle.
• You must send an official transcript for all completed college courses. These transcripts go directly to SOPHAS.
• We require 3 letters of recommendation. Your references will receive an email invite from SOPHAS to complete the recommendation online.

PART 2: UNIVERSITY OF MARYLAND SUPPLEMENTAL APPLICATION

• The supplemental application is completed online via an emailed invitation from the UMD graduate school.
• The invite is sent within one week of your SOPHAS verification date to the email on file with SOPHAS.
• The title of the email is ‘please complete the school of public health supplemental application.’
• This application requires demographic and residency questions, transcript, and application fee.
• You must submit a PDF copy of your undergraduate degree transcript (the transcript that indicates degree awarded).
• The application fee is $75.00
• Upon completion of BOTH parts, you will receive notification of ‘Under Committee Review’, which means the application has been sent to the review committee.

For more information, please visit the School of Public Health website (http://sph.umd.edu/content/graduate-admissions).

APPLICATION DEADLINES

Type of Applicant | Fall Deadline
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Domestic Applicants | 
US Citizens and Permanent Residents | Priority: 13 Dec
International Applicants | Final: 10 April
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants | Priority: 13 Dec
 | Final: 14 Feb

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

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.