

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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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

For admissions information please visit the department website (<https://sph.umd.edu/department/epib/how-apply/>).

APPLICATION DEADLINES

Type of Applicant	Fall Deadline
Domestic Applicants	
US Citizens and Permanent Residents	9 May
International Applicants	

F (student) or J (exchange visitor) 19 Mar
visas; A,E,G,H,I and L visas and
immigrants

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.