BA/MHS EPIDEMIOLOGY

The mission of the Department of Epidemiology is to improve the public’s health by training epidemiologists and by advancing knowledge concerning the causes and prevention of disease and the promotion of health.

As the oldest autonomous academic department of epidemiology in the world, the Department of Epidemiology at the Johns Hopkins Bloomberg School of Public Health has maintained leadership in fulfilling this mission.

Benefits of Program:

- Johns Hopkins University undergraduates (only) to take JHSPH courses during their undergraduate program, re-use up to 16 credits accumulated as undergraduates in the MHS program.
- Apply by July 1, before senior year, without submitting GRE’s as long as their cumulative and SPH undergraduate grade point average remains above 3.0.
- Students who complete the BA/BS at JHU, become MHS candidates and follow the MHS program.

Epidemiology is the study of how diseases are distributed in populations:

- Distribution partly reflects the causes or “etiology” of disease
- Understanding etiology creates opportunities for controlling/preventing disease
- Ultimate goals of epidemiology are:
  - to identify causal agents or risk factors
  - to develop effective control/prevention strategies
- Applications include:
  - Identifying & confirming risk factors for disease
  - Evaluating intervention strategies
  - Building a scientific foundation for public policy

All applicants are encouraged to complete multiple biology and other science/math courses prior to entering the program.
Epidemiology MHS at a Glance

- 2 years, but can be as short as 4 terms plus 1 summer
- 8 Tracks:
  - Cancer Epidemiology
  - Clinical and Cardiovascular Epidemiology
  - Clinical Trials & Evidence Synthesis Methods
  - Epidemiology of Aging
  - Environmental Epidemiology
  - General Epidemiology and Methodology
  - Genetic Epidemiology
  - Infectious Disease Epidemiology

And some sample projects underway:
- HIV/AIDS: large cohort studies of at-risk groups
- Cardiovascular Epi: cohort & case-control studies of CVD & kidney disease
- Cancer: Community based cohorts & hospital based studies of prostate, breast, colon & other cancers
- Genetic Epi: Studies of autism, birth defects, asthma, kidney disease, eye diseases, etc.
- Clinical trials & systematic reviews of numerous diseases
- Students may complete the thesis requirement (30-50 pp publishable quality manuscript) in a variety of ways such as a literature review, an analysis of a specific dataset or question, or assistance in conducting a research question.

General Admission Requirements for all MHS programs:
BA/MHS applicants submit the items in Bold.

- Online application (SOPHAS Express)
- **Official transcripts from EVERY college-level institution you attended** (academic records from institutions outside the U.S. must undergo a credentials evaluation).
- Standardized test score (GRE most universally accepted and waived for most BA/MHS applicants).
- English proficiency test score (TOEFL or IELTS) (waived for BA/BS undergraduates from 4 year programs)
- **Three letters of recommendation**
- Resume or curriculum vitae
- Personal statement

Important Dates:
July 1- Application Deadline
August 15- Response Deadline

Need more information?
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