



Case Western Reserve University School of Medicine

PhD in Epidemiology and Biostatistics

Our program's educational mission offers prospective students well-rounded and rigorous training, with a focus on real-world impact, interdisciplinary learning, and research leadership. The program covers various fields like global, population, public, and community health, biostatistics, epidemiology, genomic epidemiology, and computational biology. Professionals with graduate-level training in biostatistics can find opportunities in research, industry, or hospitals/health systems that range from opening to leadership positions.

Course Examples

PQHS 501
Research Seminar

PQHS 444
Communicating in Population Health Science Research

PQHS 473
Integrated Thinking in Population and Quantitative Health Sciences II

PQHS 431
Statistical Methods I

PQHS 445
Research Ethics in Population Health Sciences

PQHS 490
Epidemiology: Introduction to Theory and Methods

PQHS 432
Statistical Methods II

PQHS 465
Design and Measurement in Population Health Sciences

PQHS 491
Advanced Study Design and Analysis in Population Health Sciences

PQHS 440
Introduction to Population Health

PQHS 472
Integrated Thinking in Population and Quantitative Health Sciences

IBMS 500
On Being a Professional Scientist: The Responsible Conduct of Research

#1

medical
school
in Ohio

#25

medical
school for
research

#16

worldwide for
biomedical and
health sciences

#20

in R&D
federal
spending

Your Path to a PhD

Embrace our interdisciplinary research framework designed to tackle intricate public health challenges head-on. Throughout your academic voyage, you'll acquire specialized proficiencies and refine your communication skills. Immerse yourself in intellectually invigorating seminars, guided by distinguished experts, and embrace collaborative roles that expand your grasp of the intricate determinants and diversities within the health domain.

Your dedicated commitment to academic rigor culminates in your evolution into adept research leaders. Equipped to unravel intricate paradigms, you'll proactively contribute to the advancement of global health.

CWRU Invests in You

100% fully-funded tuition

100% mandatory fees and health insurance paid

\$37,000 annual stipend to PhD students

\$2,000 moving stipend

Admissions Timeline and Core Application Requirements

Admissions Cycle	Time
Application Opens	September
Funding Consideration Deadline	December 15
Final Application Deadline	December 15
Virtual Interviews	November - March
Decisions Shared	December - April
Admitted Student Events	January - April
Program Begins	August

Core Application Requirements

- Unofficial transcripts
- Current Resume/CV
- Three letters of recommendation
- Statement of Purpose

For details, visit

case.edu/medicine/pqhs/education/biostatistics-and-epidemiology/



Ready to learn more?
Reach out to our admissions team
at ms-biostatistics@case.edu or
scan QR code to request more info.



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