

# DOCTOR OF PHILOSOPHY IN THE FIELD OF GLOBAL PUBLIC HEALTH SCIENCES

Program Director: E. R. Smith

The doctor of philosophy program in global public health sciences seeks to educate the upcoming generation of research leaders in diverse public health disciplines that affect the global community. Working with specialized and advanced methodologies, doctoral candidates use innovative thinking to translate science into real-world applications and work within multidisciplinary and interprofessional settings to research global public health issues

Visit the program website (<https://publichealth.gwu.edu/content/global-public-health-sciences-phd/>) for additional information.

## ADMISSIONS

Visit the Milken Institute School of Public Health website (<https://publichealth.gwu.edu/>) for additional information about academic programs and information about GWSPH. Graduate admissions information, including application requirements and deadlines, can be found on the GWSPH Graduate Admissions website (<https://publichealth.gwu.edu/admissions/graduate-admissions/>).

## REQUIREMENTS

The following requirements must be fulfilled: 48 credits, including 8 credits in foundation and research methods courses, 13 credits in global health sciences core courses, a minimum of 13 credits in specialization courses, and 11 to 14 credits in dissertation preparation and research.

| Code                                      | Title                                                                   | Credits |
|-------------------------------------------|-------------------------------------------------------------------------|---------|
| <b>Required</b>                           |                                                                         |         |
| Foundational and research methods courses |                                                                         |         |
| PUBH 6080                                 | Pathways to Public Health (required for non-MPH graduates)              |         |
| PUBH 6421                                 | Responsible Conduct of Research                                         |         |
| PUBH 6862                                 | Applied Linear Regression Analysis for Public Health Research           |         |
| PUBH 8001                                 | Doctor of Philosophy Seminar on Cross-Cutting Concepts in Public Health |         |
| PUBH 8416                                 | Study Design and Evaluation Methods                                     |         |
| or PUBH 6247                              | Epidemiologic Methods I: Design of Health Studies                       |         |
| or PUBH 6445                              | Quantitative Methods for Impact Evaluation                              |         |
| Global health sciences core courses       |                                                                         |         |

|              |                                                                      |
|--------------|----------------------------------------------------------------------|
| PUBH 6400    | Global Health Frameworks                                             |
| PUBH 6445    | Quantitative Methods for Impact Evaluation                           |
| or PUBH 8472 | Survey Research Design                                               |
| PUBH 6850    | Introduction to SAS for Public Health Research                       |
| or PUBH 6851 | Introduction to R for Public Health Research                         |
| or PUBH 6852 | Introduction to Python for Public Health Research                    |
| PUBH 6865    | Applied Categorical Data Analysis for Public Health Research         |
| PUBH 8406    | Advanced Topics in Global Health Doctoral Seminar I                  |
| PUBH 8475    | Research Ethics and Integrity in Domestic and International Research |

Specialization courses

A minimum of 13 credits in specialization elective courses approved by the advisor.

### Dissertation Research

|           |                                       |
|-----------|---------------------------------------|
| PUBH 8435 | PhD Dissertation Proposal Development |
| PUBH 8999 | Dissertation Research (9-12)          |