**APPLIED EPIDEMIOLOGY (ONLINE) (Z152)**

Graduate Certificate Program  
School of Public Health

**ABSTRACT**

The educational objective of the proposed Post-Baccalaureate Certificate of Professional Studies in Applied Epidemiology is to train working professionals in the field of Epidemiology. This certificate provides working professionals the opportunity to learn the concepts necessary to improve their understanding of epidemiologic methods and principles and apply them in real-world practice. It covers epidemiologic study design, disease investigation and measures, identification and control of biases (information bias, selection bias, and confounding effect), effect assessment (measure of associations, interaction effort, and mediation effect), and control of epidemics.

**CONTACT**

Xin He, Ph.D.  
Director of Graduate Studies  
Department of Epidemiology and Biostatistics  
2234 School of Public Health Building  
4200 Valley Drive  
University of Maryland  
College Park, MD 20742  
**Telephone:** 301.405.2551  
**Email:** xinhe@umd.edu

**Admissions**

**GENERAL REQUIREMENTS**

- Statement of Purpose  
- Transcript(s)  
- TOEFL/IELTS/PTE (international graduate students [https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/])

<table>
<thead>
<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
<th>Spring Deadline</th>
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<tbody>
<tr>
<td>Domestic Applicants</td>
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<tr>
<td>US Citizens and Permanent Residents</td>
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| International Applicants                |               |                 |
| F (student) or J (exchange visitor)     |               |                 |
| visas; A,E,G,H,I and L visas and immigrants |               |                 |

**Requirements**

- Applied Epidemiology, Post-Baccalaureate Certificate (P.B.C.)  
  ([https://academiccatalog.umd.edu/graduate/programs/applied-epidemiology-z152/applied-epidemiology-pbc/])