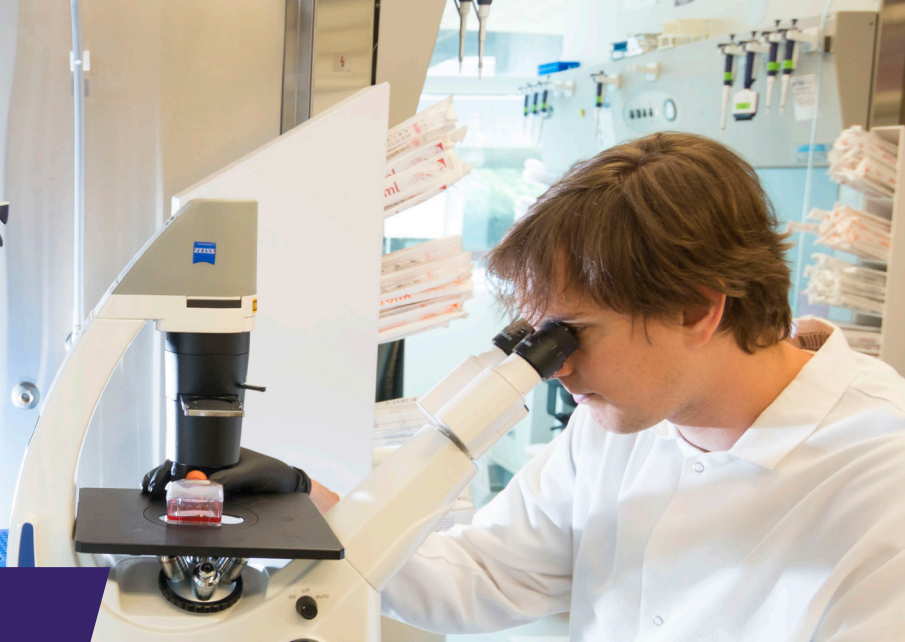# PATHOBIOLOGY, PhD

As a discipline, Pathobiology integrates fundamental concepts in biology, medicine, and public health, particularly as applied to infectious diseases of global health importance. The program applies a multidisciplinary approach as well as the latest research technologies to the study of public health disease, including viral, bacterial and parasitic diseases, as well as other disease processes. By investigating the mechanisms underlying multifactorial diseases, our program emphasizes the preventive as well as the curative, and a broader view of disease etiology. The program applies the research tools of immunology, molecular biology, pathology, and genetics to the detection and characterization of cancer, sexually transmitted diseases, and respiratory and parasitic infections.

DEGREES AND/OR CERTIFICATE OFFERED

PhD: Pathobiology

Concurrent Degree: PhD/MD

APPLICANT QUALIFICATIONS

It is highly desirable that applicants have laboratory experience and have completed course work in biology, microbiology, organic chemistry, biochemistry, and molecular and cellular biology.

ADMISSION

Applications may be submitted at: https://grad.uw.edu/admissions/apply. Applicants submit GRE (General Test) scores, resume or CV, Statement of Purpose, three recommendation letters and transcripts. International applicants may need to submit TOEFL scores.

APPLICATION DEADLINE: December 1

CONTACT INFORMATION

Email: pabio@uw.edu
Phone: 206-543-4338
globalhealth.washington.edu/education-training/phd-pathobiology

ACADEMIC/PROFESSIONAL OPPORTUNITIES

During graduate school previous students have gained experience in:

- Research on pathogens with relevance to global health
- Research with an interdisciplinary approach to genetic or infectious contributors to chronic disease
- Research with relevance to maternal prevention and intervention
- Research with an emphasis on emerging and reemerging global health issues
- Research with a focus on identification of biomarkers

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