

Graduate Certificate: Applied Clinical Research

COLLEGE OF PUBLIC HEALTH

Learn more about the graduate certificate in Applied Clinical Research.

About the Program

The Applied Clinical Research (ACR) certificate is a 12-credit graduate certificate program administered by the College of Public Health's Department of Epidemiology and Biostatistics. As foundational disciplines in public health and health-related research, the certificate curriculum focuses on epidemiology and biostatistical methods as core courses. In addition, students customize their training by focusing further in one of the following areas: Epidemiology, Biostatistics, Health Informatics, or Health Policy. This certificate is designed to equip graduates to meet the growing demand for health outcomes and translational researchers who have an in-depth understanding of research methods and study design with excellent data analytical skills to improve such outcomes and hence population health.

This graduate certificate program is available to College of Public Health graduate students and faculty, Maurice H. Kornberg School of Dentistry and Lewis Katz School of Medicine faculty and residents as well as to the general public for those interested in pursuing the graduate certificate as a non-degree seeking student.

Successful completion of the ACR certificate program enables graduates to:

- conceptualize health problems;
- synthesize information from existing studies;
- use state-of-the-art biostatistical and data-analytical tools and techniques;
- manage, and analyze health and health-related data to produce value-adding analytic insights;
- effectively combine and communicate these insights to inform evidence-based health decision-making.

Time Limit for Certificate Completion: 2 years

Campus Location: Main

Full-Time/Part-Time Status: The graduate certificate may be completed on a part-time basis. NOTE: International students may not be eligible to apply for a student visa based on admission to the certificate program. Please contact the CPH Office of Admissions for more information.

Non-Matriculated Student Policy: The certificate program is open to non-matriculated graduate students.

Admission Requirements and Deadlines

Application Deadline:

Fall and Spring admissions are on a rolling basis. Interested students should contact the College of Public Health for permission to enroll in coursework.

For current faculty and graduate students in the Maurice H. Kornberg School of Dentistry and Lewis Katz School of Medicine, and current faculty in the College of Public Health: complete an Intent to Enroll form through Qualtrics and submit a one-page statement of goals and resume.

For current graduate students in the College of Public Health: contact Aimee J. Palumbo, MPH, PhD (aimee.palumbo@temple.edu), Graduate Program Director, to apply through our Fast-Track application option. There is a minimum cumulative GPA requirement of 3.0.

For non-matriculated/non-degree seeking individuals, applications for admission will be completed through SOPHAS Express and include the following materials:

- All transcripts – a bachelor's degree is required to apply with a minimum cumulative GPA of 3.5 OR a transcript demonstrating successful completion of a graduate degree with a minimum GPA of 3.0.
- One-page statement of goals
- Resume
- Letters of reference (minimum of 2) – at least one from an academic or college/university instructor, preferably at the graduate level.

For questions, please contact the CPH Office of Admissions at cph@temple.edu or 215-204-5200.

Bachelor's Degree in Discipline/Related Discipline: Applicants must hold a baccalaureate degree. Official transcripts must be submitted for all postsecondary institutions attended.

Laptop: All incoming students in the College of Public Health are required to have a laptop. Academic programs in the college are technology intensive. They incorporate statistical and database analyses; utilize specialized tools for athletic training, kinesiology and physical therapy; stream audio and video for communication sciences; facilitate online interactive counseling for social work; and foster clinical experiences and online assessments. The

laptop requirement enables the College of Public Health to improve opportunities for active learning and provide greater access to specialized software and required tools in and out of the classroom, better preparing students for the workforce. Learn more about device specifications and suggested vendors. Students can use excess financial aid (i.e., funds that are reimbursed after all tuition and fees are paid) to meet student needs, including the purchase of a laptop. Scholarships may also provide funding.

Certificate Requirements

Number of Credits Required to Complete the Certificate: 12

Required Courses:

Code	Title	Credit Hours
Core Courses		
EPBI 5002	Biostatistics	3
EPBI 5201	Epidemiological Research Methods I	3
Elective Courses		
Select two courses from one of the following focus areas:		6
Epidemiology Focus ¹		
EPBI 5208	Data Management and Analysis	
EPBI 8204	Multilevel Modeling in Interdisciplinary Research	
EPBI 8301	Clinical Research Methods in Public Health	
EPBI 8307	Systematic Reviews	
Biostatistics Focus ¹		
EPBI 5003	Spatial Analysis in Public Health	
EPBI 5208	Data Management and Analysis	
EPBI 8012	Multivariable Biostatistics	
EPBI 8201	Structural Equation Modeling	
EPBI 8204	Multilevel Modeling in Interdisciplinary Research	
Health Informatics Focus ¹		
HIM 5102	Applications of Computer Programming in Health Informatics	
HIM 5111	Technology for Healthcare Financial Management	
HIM 5129	Health Data Analysis	
HIM 5299	Introduction to Language Processing and Text Mining for Health Professionals	
Health Policy Focus ¹		
HIM 5102	Applications of Computer Programming in Health Informatics	
HPM 5122	Healthcare Quality and Safety	
HPM 8008	Health Economics	
HPM 8013	Research Methods in Health Policy	
Total Credit Hours		12

¹ Other electives may be selected with approval from the Department of Epidemiology and Biostatistics.

Contacts

Certificate Program Web Address:

<https://www.temple.edu/academics/degree-programs/clinical-health-services-research-certificate-graduate-hp-chsr-grad>

Admissions Information:

Department of Epidemiology and Biostatistics
 9th floor Ritter Hall Annex
 1301 Cecil B. Moore Avenue
 Philadelphia, PA 19122-6005
 epibio@temple.edu

Submission Address for Application Materials:

<https://sophasexpress.liasoncas.com/>

Department Contacts:

Admissions:

CPH Office of Admissions
cph@temple.edu
215-204-5200

Senior Academic Advisor:

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Graduate Program Director:

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