

# POPULATION AND HEALTH, CERTIFICATE

## Population and Health OVERVIEW

The certificate is designed to serve two audiences—masters or doctoral degree students at The Johns Hopkins University and professionals—desiring to expand their knowledge of population dynamics and its linkages with public health issues and their ability to relate population-level concepts and measures of fertility, morbidity and mortality, and migration to health conditions. A population's health is shaped by fertility, mortality and migration patterns; and population numbers themselves provide the denominators of basic measures of public health, such as life expectancy, cause-specific mortality rates, and infection rates. Connecting a population and health perspective with public health epidemiology allows us to measure and assess the aggregate-level structure of and variation in health risks by age, sex, or other major factors and across the human life span.

## EDUCATIONAL OBJECTIVES

Students completing the certificate will gain competency in;

1. Knowledge of the components and measures of population dynamics,
2. Knowledge of population dynamics' linkages with public health issues,
3. The ability to relate vital events and duration exposures with risk factors at the individual and population level.

## CONTACT INFORMATION

### Sponsoring Department

Population, Family and Reproductive Health (<https://publichealth.jhu.edu/departments/population-family-and-reproductive-health/>)

## ADMISSIONS

Contact information and complete certificate program admissions information is available on the certificate program page (<https://publichealth.jhu.edu/academics/population-and-health-certificate-program/>) on the Bloomberg School of Public Health website.

## REQUIREMENTS FOR SUCCESSFUL COMPLETION

The certificate requires a minimum of 18 term credits. All required and elective courses must be taken for a letter grade; a minimum grade of C is required in all certificate coursework and students must maintain a 2.75 or better overall GPA for all certificate coursework. The certificate program length is flexible; however, the certificate must be completed within three years.

The student should review the section of the website that addresses completion ([https://www.jhsph.edu/academics/certificate-programs/JHSPH\\_certificate\\_completion.html](https://www.jhsph.edu/academics/certificate-programs/JHSPH_certificate_completion.html)) before completing certificate program requirements. The student's transcript will not indicate that the certificate was earned until the Notification of

Completion has been submitted, verified by the certificate program and processed by the Registrar.

## COURSE OF STUDY

Students should check the BSPH course directory (<https://www.jhsph.edu/courses/>) to confirm when courses are offered, and should also check for prerequisites and whether instructor consent is required.

Code	Title	Credits
PH.550.860	Academic & Research Ethics at BSPH (All students are required to complete this onsite noncredit course in their first term of study)	
<i>Required Courses</i>		
PH.380.600	Principles of Population Change (typically offered onsite in 2nd term)	4
PH.380.603	Demographic Methods for Public Health (typically offered onsite in 2nd term and online in 3rd term)	4
<i>Elective Courses: Students must complete at least 10 (ten) credits of elective coursework</i>		
PH.221.627	Issues in the Reduction of Maternal and Neonatal Mortality in Low income Countries (typically offered onsite in 2nd term)	4
PH.380.604	Life Course Perspectives on Health (typically offered onsite in 1st term and online in 2nd term)	4
PH.380.655	Social and Economic Aspects of Human Fertility (typically offered onsite in 2nd term)	3
PH.380.662	Critiquing the Research Literature in Maternal, Neonatal, and Reproductive Health (typically offered onsite in 2nd term)	4
PH.380.664	Reproductive and Perinatal Epidemiology (typically offered onsite in 4th term)	4
PH.380.665	Family Planning Policies and Programs (typically offered onsite in 3rd term)	4
PH.380.666	Women's Health (typically offered onsite in 3rd term)	3
PH.380.668	International Perspectives on Women, Gender, and Health (typically offered onsite in 4th term)	3
PH.380.720	Masculinity, Sexual Behavior & Health: Adolescence & Beyond (typically offered onsite in 2nd term)	3
PH.380.750	Migration and Health: Concepts, Rates, and Relationships (typically offered onsite in 3rd term)	3
PH.380.755	Population Dynamics and Public Health (typically offered online in 1st term and onsite in Summer term)	2
PH.380.756	Poverty, Economic Development, and Health (typically offered onsite in 2nd term, every other year)	4
PH.380.765	Preventing Infant Mortality and Promoting the Health of Women, Infants and Children (typically offered online in 4th term)	3
PH.380.767	Couples and Reproductive Health (typically offered onsite in 1st term)	3