

PUBLIC HEALTH ECONOMICS

Public Health Economics Certificate Program OVERVIEW

The certificate program in Public Health Economics is designed for graduate degree students and junior and mid-level professionals pursuing a career in public health, health care, health services, and health policy who wish to use economic tools to improve the health of populations. This certificate program is only available to students who are able to attend classes in Baltimore; it cannot be completed through online and institute courses.

EDUCATIONAL OBJECTIVES

Students who complete the certificate program will be able to:

1. Describe the appropriate role of cost-effectiveness and economic reasoning in the policy making process for health care in the United States and around the world
2. Participate in the conduct of economic evaluations related to new health interventions, and health systems, health services, or public health interventions
3. Perform statistical and other analytic or modeling tasks necessary to complete cost effectiveness analyses
4. Apply economic theory to predict responses to changes in policies and incentives provided by changes in the health system, in health services provision, or in public health
5. Contribute to the interpretation of economic evaluations and analyses for policy purposes

CONTACT INFORMATION

Sponsoring Departments

Health Policy and Management (<http://www.jhsph.edu/dept/hpm/>)

International Health (<http://www.jhsph.edu/dept/IH/>)

Population, Family and Reproductive Health (<http://www.jhsph.edu/dept/prfh/>)

Certificate Program Contact

Pamela Davis

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Faculty Sponsor

Matthew Eisenberg (<https://www.jhsph.edu/faculty/directory/profile/3217/matthew-d-eisenberg/>)

ELIGIBILITY

The certificate program is offered to masters and doctoral students currently enrolled in any division of the Johns Hopkins University, with the exception of JHSPH MAS students, who are not eligible to apply until they have completed their degree program. It is also offered to junior and mid-career level professionals who have at least a baccalaureate degree from an accredited college or university and a strong record of successful academic performance. Prospective students should have an interest in applying economic tools to improve the health of populations.

ADMISSIONS PROCESS

All applicants must review the General Certificate Guidelines page (<http://e-catalog.jhu.edu/public-health/certificates/#newitemtext>), which provides important information about how to apply to a certificate program.

APPLYING TO THE CERTIFICATE PROGRAM AS A JHU GRADUATE STUDENT

Students already enrolled in a graduate program at JHU are not required to submit the School's electronic admissions application, but must submit declaration of intent (http://e-catalog.jhu.edu/public-health/certificates/public-health-econ/Econ_intent_form.pdf) prior to starting coursework.

Start terms: It is possible to begin the certificate program only in these terms: 1, & 3.

APPLYING TO THE CERTIFICATE PROGRAM AS A NON-DEGREE STUDENT

Students who are not currently enrolled in a graduate program at JHU are required to apply to certificate programs using SOPHAS Express (<https://sophasexpress.liaisoncas.com/applicant-ux/#/login>). All non-degree applicants should review the general Certificates Admissions (<http://e-catalog.jhu.edu/public-health/certificates/#newitemtext>) page for instructions on how to apply to a certificate program and application deadlines.

Start terms: It is possible to begin the certificate program only in these terms: 1,2,3, & 4.

TOEFL/IELTS: Required.

Prerequisites or special requirements: None

REQUIREMENTS FOR SUCCESSFUL COMPLETION

The certificate program requires a minimum of 29 term credits. All courses (except seminar) 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; it varies from student to student, however, the certificate must be completed within three years.

The student should review the section of the website that addresses completion (<http://e-catalog.jhu.edu/public-health/certificates/#courserequirements>) 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 JHSPH course directory (<https://www.jhsph.edu/courses/>) to confirm when courses are offered. Students should also check for prerequisites and whether instructor consent is required.

Code	Title	Credits
PH.550.860	Academic & Research Ethics at JHSPH (All students are required to complete this noncredit course in their first term of study)	

Required Statistical Courses: Students must complete one of the following statistical series (A, B, or C)*Statistical Series A*

PH.140.621	Statistical Methods in Public Health I	4
PH.140.622	Statistical Methods in Public Health II	4
PH.140.623	Statistical Methods in Public Health III	4
PH.140.624	Statistical Methods in Public Health IV	4

Statistical Series B

PH.140.651	Methods in Biostatistics I	4
PH.140.652	Methods in Biostatistics II	4
PH.140.653	Methods in Biostatistics III	4
PH.140.654	Methods in Biostatistics IV	4

Statistical Series C for Applied Economics Program students

AS.440.605	Statistics	3
AS.440.606	Econometrics	3

Required Health Economics Course: Students must complete Sequences E, F, G, and H*Economics Sequence E*

PH.313.601	Economic Evaluation I	3
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Economics Sequence F: Student may select either 313.643 or 313.641 or 313.610

PH.313.610	Health Economics for Managers	3
PH.313.641	Introduction to Health Economics	3
PH.313.643	Health Economics	3

Economics Sequence G

PH.313.602	Economic Evaluation II	3
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Economics Sequence H: There is one option, offered during 2 terms each year. Certificate students are only required to take 1 term.

PH.313.861	Public Health Economics Seminar	1
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Elective Courses: Students should select one elective course from the list below

PH.221.619	Introduction to Microeconomics	3
PH.221.644	Econometric Methods for Evaluation of Health Programs	4
PH.300.651	Introduction to the U.S. Healthcare System	4
PH.309.620	Managed Care and Health insurance	3
PH.309.670	Comparative Health insurance	3
PH.309.716	Advanced Methods in Health Services Research: Analysis	3
PH.313.603	Economic Evaluation III	3
PH.313.604	Economic Evaluation IV	3
PH.313.644	Intermediate Health Economics	3
PH.380.756	Poverty, Economic Development, and Health	4
AS.440.601	Microeconomic Theory	3
AS.440.602	Macroeconomic Theory	3
AS.440.622	Cost-Benefit Analysis	3