

<p>THE GEORGE WASHINGTON UNIVERSITY MEDICAL CENTER WASHINGTON DC</p>	<p style="text-align: center;"><b>School of Public Health and Health Services</b></p> <p style="text-align: center;"><b>Graduate Certificate Public Health Generalist</b></p> <p style="text-align: center;"><b>2010-2011</b></p> <p><a href="http://www.gwumc.edu/sphhs/">http://www.gwumc.edu/sphhs/</a> <span style="float: right;">last updated 6/4/10</span></p>
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**For further information, please contact:**

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**Admissions Requirements**

All SPHHS Master's degree applicants, current SPHHS graduate students, and alumni have a unique opportunity to add a Graduate Certificate to their degree. The graduate certificate is tailored to meet the needs of the professional public health provider. While each certificate is grounded in one of the traditional areas of public health practice, it remains flexible to assure sufficient exposure to academic course work in emerging and innovative areas such as public health communications, global health, emergency responsiveness and others.

Combining the Master's degree in one of our academic departments with a Graduate Certificate in another department uniquely positions graduates for careers that require both breadth and depth of knowledge and skills in public health and health services. Graduate Certificate programs are also open to applicants with a Master's degree or higher who may wish to gain knowledge and skills in public health or health services. Applicants without Master's degrees (e.g. Public Health Nursing, RN) may be eligible depending upon their professional experience in public health.

The Graduate Certificate is tailored to the individual's professional goals. An advisor is assigned to each student to develop the Program of Study.

Admissions requirements and application procedures for the Graduate Certificate programs are identical to those of the Master's degree programs. Please see this website: <http://www.gwumc.edu/sphhs/admissions/gradadmis.cfm>

**Requirements for Receiving the Graduate Certificate**

1. Graduate Credit Requirement. 18 graduate credits are required.
2. The Program Director/Advisor must pre-approve all course selections and course sequencing by developing a "program of study" prior to the student's initial registration. Graduate Certificate students meet with their advisor each semester before registration. All changes in this program of study must be pre-approved by the Program Director/Advisor.
3. Grade Point Requirement. A 3.0 (B average) overall grade point average or better is required.
4. Time Limit Requirement. The certificate must be completed within 2 years.
5. Transfer Credit Policy. The Program Director/Advisor may approve up to 4 graduate credits that have not been applied to a previous graduate degree to be transferred to the graduate certificate. The course(s) must be relevant to the graduate certificate. Credits must have been earned in the last 3 years with a grade point of 3.0 or better.

School of Public Health and Health Services

Graduate Certificate  
Public Health Generalist

Program-at-a-Glance  
2010-2011

Core Courses		Credits	Semester Offered	Grade
PubH 201	Biological Concepts for Public Health	2	Summer 1, Fall, Spring	
PubH 202	Biostatistical Applications for Public Health	3	Summer 10 wk, Fall, Spring	
PubH 203	Principles and Practice of Epidemiology	3	Summer 10 wk, Fall, Spring	
PubH 204	Environmental and Occupational Health in a Sustainable World	2	Summer 1, Fall, Spring	
PubH 205	Policy Approaches to Public Health	2	Summer 10 wk, Fall, Spring	
PubH 207	Social and Behavioral Science Methods	2	Summer 1, Fall, Spring	
PubH 208	Management Approaches to Public Health	2	Summer 10 wk, Fall, Spring	
Electives	Any SPHHS Graduate Course	2	Advisor's Approval	

**Public Health Generalist  
Core Courses 2010-2011**

PubH	201	Biological Concepts for Public Health	2	Provides an overview of current knowledge about biological mechanisms of major diseases causing death and disability in the US and globally; understanding and interpreting the reciprocal relationships of genetic, environmental, and behavioral determinants of health and disease in an ecologic context; analyzing, discussing, and communicating biologic principles of disease from a public health perspective. Fall, Spring, Summer 1
PubH	202	Biostatistical Applications for Public Health	3	Application of biostatistical principles to critical analysis of retrospective studies, prospective studies, and controlled clinical trials, as well as studies in the health services literature. Selection, basic calculations, and interpretation of statistical methods for detection of significant associations and differences. Fall, Spring, Summer 10 weeks
PubH	203	Principles and Practice of Epidemiology	3	General principles, methods, and applications of epidemiology. Outbreak investigations, measures of disease frequency, standardization of disease rates, study design, measures of association, hypothesis testing, bias, effect modification, causal inference, disease screening, and surveillance. Case studies apply these concepts to a variety of infectious, acute, and chronic health conditions affecting the population. Fall, Spring, Summer 10 weeks
PubH	204	Environmental and Occupational Health in a Sustainable World	2	Examines the connection between population health and exposures to chemical, physical, and biological agents in the environment. Through the use of problem-solving frameworks, students will become familiar with data sources, methodologies and policy approaches being used to address the public health impacts of environmental and occupational health hazards, including the consequences of climate change, natural resource degradation, and industrial chemicals. The course will integrate key concepts of environmental health with principles of sustainability to illustrate how public policies and practices on the local, national and global level affect population health. Fall, Spring, Summer 1
PubH	205	Policy Approaches to Public Health	2	Introductory multidisciplinary course focusing on the interplay of all aspects of global public health on health policy problems. Students will learn how health policy is made, how health care and public health services are delivered, and how to define and analyze key health policy problems drawing on the perspectives and skills of the public health disciplines. Fall, Spring, Summer 10 weeks
PubH	207	Social and Behavioral Science Methods	2	This course will present detailed information about theories and constructs of behavior and behavior change among progressively larger and more complex groups from individuals to populations. The goal of the course is to encourage interactive and independent learning in areas of behavioral change, especially in areas pertaining to health that are of both personal and professional interest to course participants. Summer, Fall, Spring, Summer 1
PubH	208	Management Approaches to Public Health	2	An advanced multidisciplinary course examining global public health and health delivery issues through the use of a case study approach. Prerequisites: PubH 201, 202, 203, 204, 205, and 207. Fall, Spring, Summer 10 weeks