



RESIDENTIAL GRADUATE CERTIFICATE IN GLOBAL HEALTH HANDBOOK



Research, Innovation and Global Solutions

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Purpose

The purpose of the Residential Graduate Certificate in Global Health is to provide students with an understanding of global health conditions, needs, and solutions that cross borders in *both* low and middle-income and industrialized countries and regions. The Certificate complements students' departmental requirements by offering courses and seminars that will prepare them to work in changing environments and with diverse populations, enabling them to respond competently to the challenges inherent to a career in global health. Students will learn to identify and analyze the factors that generate disparities in health status, health resources, and access to health information and services, particularly for ethnic minorities and other marginalized and vulnerable population groups. In conferring a Residential Graduate Certificate in Global Health, the School of Public Health acknowledges students' capability and capacity to perform as public health professionals with a global perspective, with collaborative and cross-cultural sensitivity and skills (see list of competencies on page 5).

Rationale

The world is economically, politically, culturally, and technologically connected and interdependent with increasingly mobile populations seeking economic opportunity, security, and safety as a result of civil unrest, regional conflicts, and diminished natural resources. Although some health problems and issues remain specific to levels and contexts of socio-cultural, economic, and political development within countries, many of the same problems, issues, and concerns transcend geographic boundaries, as should appropriate approaches and solutions. The concept of "global health" describes and addresses these realities. Successful efforts to discover, mobilize, transfer and adapt approaches and practices will ultimately bring global health for all.

Objectives

1. Students will gain a global health knowledge base.
2. Students will learn about current global issues, concerns, policies, processes, programs, and practices that contribute to and hinder global health improvement.
3. Students will apply principles and practices to gain skill and proficiency.

The Graduate Certificate in Global Health offers a program of study that is not already available to students as a major or minor area of study or as a concentration.

Eligibility

The Graduate Certificate in Global Health is open to students enrolled in a residential graduate degree program of the UNC-Chapel Hill Gillings School of Global Public Health. Students enrolled in graduate degree programs of other units of UNC-CH may apply by requesting an interview with the Graduate Research Assistant (GRA) Certificate Coordinator Chelsie Kolberg (globalsolutions@unc.edu).

Administration

Research, Innovation and Global Solutions in the UNC Gillings School of Global Public Health administers the Graduate Certificate in Global Health. For more information about Research, Innovation and Global Solutions, please visit the website: <http://sph.unc.edu/globalhealth/>.

Requirements

1. Graduate-level global health-related courses, totaling a minimum of 10 credit hours*

- a) **One foundation course**, either HPM 664/MHCH 664, *Globalization and Health* (3 credits, taught in spring semester) **OR** PUBH 711 *Critical Issues in Global Health* (3 credits, taught in fall semester). **The foundation course cannot count towards your degree credit requirement.**
- b) **Two semesters of the Global Health Discussion Series (PUBH 500, 1/2 credit hour each semester)**. Selection of two semesters of monthly Global Health Discussion series. Attendance is required at a minimum of 4 out of the 5 scheduled evenings each semester. See description starting on page 10 of this document for more information. **The Global Health Discussion Series cannot count towards your degree credit requirement.**
- c) **Additional elective global health courses (6 credit hours)**. Table 1 provides a list of currently approved School of Public Health courses with global health content. This is not an exhaustive list of available courses, as new courses are continually being added and there are courses across UNC that might qualify toward the Certificate. If you are interested in taking a course not on the list below, please email the syllabus to globalsolutions@unc.edu to let us determine if it will qualify toward the Certificate program.
 - i. We encourage you to complete a global practicum or a practicum that is ‘local’ and has global implications, but practicum courses and credit hours do not count as an elective or toward the required 10 credits.
 - ii. Students are encouraged to improve their language proficiency, but language courses cannot be counted as an elective or toward the 10 credit hours since you cannot earn graduate credit for language courses.
 - iii. It should be noted that courses may have prerequisites at the instructor’s discretion, and such requirements would apply to Certificate students in the same manner as they would to other students. Enrollment in the Certificate program does not guarantee entry into courses, so students should plan carefully and register early.

**The Graduate School policy regarding students working toward a certificate and degree concurrently: The total number of academic credits transferred shall not exceed 40% of the total required for a Certificate. Only 4 credits can be counted towards your degree and the Residential Certificate in Global health. The remaining 6 global health credits (One foundation course, PUBH500, and 2 other global health credits) that fulfill the Residential Certificate in Global Health credit requirement cannot be counted towards your degree requirements.*

2. **Master's paper/Ph.D. thesis should have a global health focus.** If required by your department degree program, your master's paper, dissertation, capstone, or equivalent deliverable should have a focus on a global health issue, problem, or concern and should be negotiated with the departmental academic advisor.
 - a) If your paper/thesis is on a domestic topic, you must include significant global health content (5-10 pages for master's paper, 10-15 pages for Ph.D. thesis) in the copy turned in to the Research, Innovation and Global Solutions unit. Global content can be presented throughout the paper, as its own chapter, or as an addendum to the original paper.
 - b) If your final project/master's paper is a group project (e.g. HB), you must submit either:
 - i. The group project report as well as a separate document (5-10 pages) applying your topic in a global setting (individual project, not group work); or
 - ii. An original 5-10 page paper related to your global practicum work or addressing a global health topic (**cannot** be a paper that was submitted for course work).

3. **Attendance at local global-health related events (at least 1 per semester):**
 - a) Seminars sponsored by the Research, Innovation and Global Solutions unit.
 - b) Global Health Brown Bag lunches sponsored by the Student Global Health Committee
 - c) Global health events at other local universities or in the community

Announcements of Research, Innovation and Global Solutions sponsored events will be posted on the Research, Innovation and Global Solutions unit website and sent out via “*This Week in Global Health*” (Certificate students are automatically signed up to receive this newsletter; to unsubscribe to the listserv click the unsubscribe link at the bottom of the newsletter). **Students should keep a record of qualifying events attended, as they will be asked to submit a list before graduating.**

Global Health Practicum

A global health practicum is not a requirement to complete the global health certificate, but it is strongly recommended. Practicum placement could be in an international setting or with a US-based organization working internationally. The practicum should provide for application of global health knowledge and cross-cultural skills.

Several sources are available to students to assist them in finding internship placements and funding.

- The Research, Innovation and Global Solutions unit posts information on internships and field placements through *This Week in Global Health* (<https://sph.unc.edu/global-health/twigh-newsletter/>).
- The Research, Innovation and Global Solutions unit maintains a webpage with possible funding sources, internship programs through global health organizations, and career support information (<https://sph.unc.edu/global-health/global-practice-portal/>).

Students are strongly encouraged to focus their studies in order to maximize their global health learning objectives. It is recommended that students choose a geographic region, either national or regional, and/or a thematic focus.

Application Process

The Research, Innovation and Global Solutions unit in the UNC Gillings School of Global Public Health administers the Graduate Certificate in Global Health. Interested students should discuss the Program details with their departmental faculty advisor and department student service managers. To enroll in the Certificate students need to:

- 1) *Submit a completed application form to the Research, Innovation and Global Solutions unit*
- 2) *Meet with the Research, Innovation and Global Solutions Graduate Research Assistant to review application and receive a Certificate Verification Form*
- 3) *Complete Certificate Verification Form with departmental advisor/student services manager*
- 4) *Return Certificate Verification Form to Research, Innovation and Global Solutions Graduate Research Assistant*

The Research, Innovation and Global Solutions unit (Certificate GRA, Program Coordinator, and the Associate Dean for Global Health) can answer any questions about the Certificate requirements and application process.

Completion of Certificate

To successfully complete the Residential Graduate Certificate in Global Health, students must complete their degree requirements and the certificate requirements listed below.

- 1) *Completed 4 requirements above*
- 2) *Submission of requested materials to Sakai website:*
 - *Signed and updated Certificate Verification Form*
 - *Unofficial copy of your transcript (if a dual degree student, provide both School's transcripts)*
 - *Electronic copy of an abstract or brief description of your master's paper or PhD thesis. (You will be required to submit the entire paper by the end of your graduating semester).*
 - *A list of the Global Health seminars you have attended while enrolled in the Certificate program*
 - *Your permanent address where your certificate can be mailed after your graduation*

Competencies of Certificate

In conferring a Graduate Certificate in Global Health, the Gillings School of Global Public Health acknowledges students' capability and capacity to perform as public health professionals with a global perspective and with collaborative and cross-cultural sensitivity and skills.

Communication

1. Communicate global health information in diverse settings.
2. Utilize appropriate technologies and forms of communication with global and diverse audiences.

Diversity & Cultural Competency

1. Analyze a global health problem in an interdisciplinary manner in order to:
 - Develop interventions

- Evaluate programs
 - Develop and implement policies, and
 - Contribute to the knowledge base of global health research
2. Extend cultural understanding and skills to global and diverse settings related to populations such as refugees, immigrants, and migrant workers.
 3. Adapt and work effectively in countries and cultures that challenge one's physical, social and economic perspective or comfort level.

Professionalism & Ethics

1. Analyze global health disparities through a social justice and human rights lens.
2. Understand and analyze the roles and agendas of major players in global health.

Systems Thinking

1. Analyze the complex tapestry and interaction of social, economic, political, and environmental systems that affect global health.

Questions?**Research, Innovation and Global Solutions Contacts:**

globalsolutions@unc.edu

Tel. 919.966.3564

104 Rosenau Hall

<http://sph.unc.edu/global-health>

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**Approved Courses for the Graduate Certificate in Global Health
at the Gillings School of Global Public Health**

Please note, course offerings are changing due to the Gillings MPH redesign to be launched in Fall 2019. Please refer to departmental course listing and UNC official course listings to see if courses will be offered. We will do our best to keep our online course listing updated with latest course offering developments.

Course Number	Title	Instructor	Offered	Credit Hours
Biostatistics				
BIOS 670*	Demographic Techniques I	Suchindran, Bilsborrow	Fall	3
BIOS 771*	Demographic Techniques II	Suchindran	<i>No longer offered as of Spring 2018</i>	3
Environmental Sciences and Engineering				
ENVR 421	Environmental Health Microbiology	Sobsey	Alternate Springs <i>(Offering Spring 2018)</i>	3
ENVR 610 (formerly ENVR 890-5)	Global Perspectives on Environmental Health Inequalities	Woods	Fall	3
ENVR 682 (formerly ENVR 471)	Water, Sanitation, Hygiene, and Global Health	Bartram, Fisher	Spring	3
ENVR 685	Water and Sanitation Policy in Lesser Developed Countries	Whittington	Alternate Springs <i>(Offering Spring 2017)</i>	3
ENVR 705 (cross-listed as PUBH 705)	One Health: Philosophy to Practical Application of Human, Animal and Environmental Health	Sackey-Harris	Spring	1-3
ENVR 755	Analysis of Water Resource Systems	Characklis	Fall	3
ENVR 785	Public Investment Theory	Whittington	Alternate Springs <i>(Offering Spring 2017)</i>	3
ENVR 789	Working, Studying, and Conducting Research Abroad	Tomaro	Spring	2
ENVR 989	Environmental Crisis Management	Stuart, Vizuete, and Woods	Summer	3
Epidemiology				
EPID 751 (formerly 690)	Emerging and Re-Emerging Infectious Diseases	Stamm	Fall	3
EPID 754	Advanced Methods in Infectious Disease Epidemiology	Powers	Fall <i>(On Hiatus until Fall 2019)</i>	3
EPID 757	Epidemiology of HIV/AIDS in Developing Countries	Weir, Behets	Fall	3
EPID 760 (formerly 799C/003)	Vaccine Epidemiology	Smith	Spring	3
EPID 785	Environmental Epidemiology	Engel	Spring	3
EPID 799B	Social Determinants of Global Health	Maselko	Spring	2



EPID 898	Global Health Ethics Seminar	Behets, Rennie	Fall (<i>On Hiatus – Contact Faculty if Interested</i>)	2
Health Behavior and Health Education				
HBEH 753*	Qualitative Research Methods	Maman	Spring	3
HBEH 754	Advanced Qualitative Methods in Health Behavior and Health Research	Barrington	Fall	3
HBEH 756	Social and Peer Support in Health: An Ecological and Global Perspective	Fisher	Spring	3
HBEH 815	Foundations of Health Behavior (Global Health Module)	Rosenberg	Fall	3
HBEH 893-007	Global Mental Health	Fisher	Fall	3
Health Policy and Management				
HPM 472	Program Evaluation (instructor approval required)	Paul	Spring (<i>will no longer be offered after Spring 2019</i>)	3
HPM 660*	International and Comparative Health Systems	Fried, Harris	Fall	3
HPM 565 (cross-listed as PLCY 565)	Global Health Policy	Meier	Spring	3
HPM 571 (cross-listed as PLCY 570)	Health & Human Rights	Meier	Fall	3
HPM 664 (cross-listed as MHCH 664)	Globalization and Health (Certificate foundation course)	Fried	Spring	3
HPM 715	Health Economics for Policy and Management	<i>Harsha, Thirumurthy, Beach</i>	Fall	3
HPM 716 (cross-listed as PUBH 716 & MHCH 816) (<i>formerly SPHG/PUBH 690</i>)	Applied Quality Improvement Methods for Healthcare and Public Health	Ramaswamy	Spring	3 or 5
Maternal and Child Health				
MHCH 605	Survey Course of Breastfeeding and Public Health	Palmquist	Spring	3
MHCH 664 (cross-listed as HPM 664)	Globalization and Health (Certificate foundation course)	Fried	Spring	3
MHCH 680	Global Sexual and Reproductive Health	Speizer	Spring	1
MHCH 700	MHCH Planning and Evaluation	Cilenti	Fall	3
MHCH 712	Program Assessment in Maternal and Child Health	Only approved when taught by Farel	Spring	3
MHCH 716	International Family Planning and Reproductive Health	Bloom, Curtis	Spring (<i>On hiatus until Spring 2020</i>)	3
MHCH 722	Global Maternal and Child Health	Singh	Fall	3
MHCH 723	Introduction to Monitoring and Evaluation of MCH Programs	Barden-O'Fallen	Spring	3
MHCH 816 (cross-listed as PUBH 716 & HPM 716) (<i>formerly SPHG/PUBH 690</i>)	Applied Quality Improvement Methods for Healthcare and Public Health	Ramaswamy	Spring	3 or 5



MHCH 862	Maternal and Child Health Program Evaluation	Angeles	Spring	3
MHCH 890-971	Implementation Science for Global Health (Online)	Peterson, Naoom, Haidar	Spring	3
Nutrition				
NUTR 696-006	Taxes, Bans, & Burgers: Directed Readings in Global Food Policy	Taillie	Alternate Spring	1
NUTR 745	International Nutrition	Adair, Bentley, Wasser	Alternate Falls	3
NUTR 809	Qualitative Research Methods for Nutrition	Bentley	Spring (<i>On Hiatus – Contact Faculty if Interested</i>)	2
Public Health				
PUBH 420/720	The HIV/AIDS Course	Strauss	Spring	1
PUBH 500	Global Health Discussion Series (Certificate requirement)	Fried	Fall/Spring	0.5
PUBH 704	Foundations of Global Health Elective	Carlough	Spring	2-3
PUBH 705 (cross-listed as ENVR 890-003)	One Health: Philosophy to Practical Application of Human, Animal and Environmental Health	Sackey-Harris	Spring	1-3
PUBH 711	Critical Issues in Global Health (Online) *(Certificate foundation course starting in Fall 2015)	Dubé	Fall	3
PUBH 712	Global Health Ethics (Online)	Dubé	Spring	3
PUBH 714	Monitoring and Evaluation of Global Health Programs (Online)	Samandari	Summer	3
PUBH 716 (cross-listed as HPM 716 & MHCH 816) (<i>formerly SPHG/PUBH 690</i>)	Applied Quality Improvement Methods for Healthcare and Public Health	Ramaswamy	Spring	3 or 5
PUBH 746	Program Planning and Evaluation	Carter-Edwards	Fall, Spring	3
PUBH 890 (<i>course number will be changing</i>)	Refugee Health and Wellness Interdisciplinary Seminar	Carlough, Hinson	Fall, Spring	3 (1.5 per semester must take both)
Additional Courses (outside of SPH)				
PHCY 839	Global & Rural Health: Maximizing Interprofessional Teams to Impact Community Outcomes	Steeb, Kiser	Spring	1
PLCY 565 (cross-listed as HPM 565)	Global Health Policy	Meier	Spring	3
PLCY 570 (cross-listed as HPM 571)	Health & Human Rights	Meier	Fall	3
PLCY 760	Migration and Health in the US	Perreira	Fall	3

* This course may be used to fulfill one of the SPH core course requirements in some departments. Please check your Student Handbook or discuss with your departmental registrar to confirm this.

** Courses taken outside of UNC that are taken through the [Interinstitutional Program](#) may count towards the Global Health Certificate after receiving approval from the Research, Innovation and Global Solutions unit. Send inquiries to globalgateway@unc.edu.

Please consult your departmental student services manager to ensure desired courses will be offered during your enrolled years (courses are subject to change annually).

Please note other graduate-level courses at UNC may qualify, so this is not a complete list of courses for completion of the Certificate. ****Be sure to get approval from the Research, Innovation and Global Solutions unit prior to taking a course to ensure that it qualifies as a global health course for the Certificate Program.****

For more information about these courses see <https://sph.unc.edu/global-health/residential-certificate-in-global-health-courses/>.

Graduate courses with global health content from Duke University and North Carolina State University can also meet certificate requirements, but approval by the Research, Innovation and Global Solutions unit is required.

Foundation courses to fulfill core course requirement

Critical Issues in Global Health (PUBH 711)- online course

3 credit hours, Fall

If class is being used to fulfill the Certificate's foundation course requirement, the credits cannot count towards satisfying your degree credit requirements.

This course explores contemporary issues, problems, and controversies in global health through an interdisciplinary perspective; examines the complex tapestry of social, economic, political, and environmental factors that affect global health; analyzes global health disparities through a social justice and human rights lens; and exposes students to opportunities in global health work and research.

Instructor: Karin Dube, Clinical Associate Professor, Public Health Leadership Program

Globalization and Health (HPM 664/MHCH 664)

3 credit hours, Spring

If class is being used to fulfill the Certificate's foundation course requirement, the credits cannot count towards satisfying your degree credit requirements.

The course examines multiple dimensions of globalization and explores their direct and indirect effects on determinants of health through presentations, case studies, class discussions and interactive sessions, small group seminars, readings, weekly written assignments, a critical book review, and a final paper and poster session. An expected outcome of the course is that students will gain a deeper understanding of how the changes and transformations of globalization and development affect health, and will have examined responses and approaches to current and projected global patterns that contribute to positive and adverse health effects, and health inequalities.

Instructors: Bruce Fried, Associate Professor, Health Policy and Management

Global Health Discussion Series

PUBH 500 (1/2 credit hour)

PUBH 500 credits cannot count towards satisfying your degree credit requirements.**WHEN:** Five evening sessions each semester**WHERE:** In the Gillings School of Public Health**FOR WHOM:** Students pursuing the Graduate Certificate in Global Health**OBJECTIVES**

The series has several related objectives:

- Provide opportunities for global health certificate-earning students to get to know each other through an exchange and discussion of global health experiences, issues, current events and reports, courses, and important resources for field placements, internships, and employment.
- Exchange points of view in an informal setting with globally-experienced faculty on the UNC and other campuses, and global health practitioners.
- Build and strengthen trans-departmental alliances that will contribute to ongoing efforts within the School of Public Health to strengthen the importance of global health within public health.

INSTRUCTOR

Bruce Fried, Associate Professor, Department of Health Policy and Management

bruce_fried@unc.edu**REGISTERING FOR THE SEMINARS**

Students pursuing the Graduate Certificate in Global health are required to register for two semesters of seminars (PUBH 500) on Connect Carolina, earning 1 credit hour for two semesters. One-half credit will be earned for each semester of enrollment.

SERIES TOPICS and FORMATS

Each evening seminar will have a thematic frame that may be skills-based or a presentation by a global health practitioner or faculty member.

REQUIREMENTS

Student's commitment to earning a Graduate Certificate in Global Health requires attendance at 4 out of 5 sessions during each of the two semesters registered, earning a total of 1 credit hour (earn ½ credit for each semester's attendance), unless excused by seminar faculty.

For additional information or clarification, please email globalsolutions@unc.edu or call 919-966-3564.