

# CERTIFICATE IN GLOBAL HEALTH



# Certificate in Global Health

## The Certificate

The Certificate in Global Health is awarded in recognition of a student's interest and preparation for continued involvement and potentially a career in global health. The certificate will highlight the student's global health focus and ability to work across disciplines. The requirements for the Certificate differ by discipline, but emphasize discipline-specific and interdisciplinary coursework and/or projects that reinforce skills and promote a broad understanding of global health issues. A Certificate entails the completion of the course INTH 301/401: Fundamentals of Global Health, a minimum of 2-3 additional courses that relate directly to international or health issues, a project related to global health and successful completion of a major or discipline. Students may also substitute course work for a project with permission of Framework faculty.

## The Framework for Global Health Curricula

The Certificate is the centerpiece of the Framework for Global Health Curricula. This is a group of professors across the Case Western Reserve University campus, whose objective is to promote education in global health issues. Nearly every department at CWRU offers multiple educational activities in global health. Rather than attempt to own all of these activities, the group at CWRU (representing Anthropology, Bioethics, Biology, Biostatistics/Epidemiology, Mathematics, Medicine, Nursing, Engineering) elected to develop a structure within which each department could develop independently while taking advantage of what the others had to offer. The organizing structure for this became the certificate program rather than a separate degree. This approach recognizes that students need to graduate within a recognized discipline as well as recognition of a student's focus, time and effort in training. Each student in the Certificate program will be grounded in global health by a core course (INTH 301/401) that will allow them to understand concepts and vocabulary across disciplines and that will facilitate meaningful communication with others based in a different discipline. In addition to the Certificate, the Framework for Global Health Curricula had identified and is annotating all global health related courses at CWRU. It has supported the recent revival of Medical Spanish and new courses and electives in Global Health. A description of the Certificate program as well as all courses relevant to global health are available on the Framework website (<http://www.case.edu/med/cfgh/index.htm>).



# Requirements

## Anthropology

### Undergraduate:

1. INTH 301: Fundamental Concepts in Global Health
2. ANTH 215: Introduction to Medical Anthropology
3. ANTH 359: Introduction to International Health
4. One elective selected from list of approved electives in the Anthropology Department

### Graduate:

1. INTH 401: Fundamental Concepts in Global Health
2. ANTH 459: Introduction to International Health
3. ANTH 511: Seminar in Anthropology and Global Health
4. One elective selected from list of approved electives in the Anthropology Department

### Contact:

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## Bioethics

1. INTH 401: Fundamental Concepts in Global Health
2. BETH 414: Introduction to International Health Research Ethics
3. Complete one elective selected from list of approved electives in the Bioethics Department

### Contact:

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## Epidemiology/Biostatistics

1. INTH 401: Fundamental Concepts in Global Health
2. EPBI 484: Infectious Disease Epidemiology
3. An epidemiology research project with global perspective (may be substituted with other coursework).

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## Math/Applied Math specialization:

1. Complete INTH 301/401: Fundamental Concepts in Global Health
2. Complete a basic course in Epidemiology or Biostatistics (EPBI 490, EPBI 491, EPBI 431/ ANAT 431/ BIOL 431)
3. Complete a course in mathematical modeling with focus on bio-medical applications (MATH 349/449, MATH 385 or EECS 397/ EECS 600)
4. Complete a health related modeling project with global perspective (may be substituted with other course work).

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## Requirements (cont.)

### Medicine

1. INTH 401: Fundamental Concepts in Global Health
2. INTH 4002: Major Tropical Pathogens
3. INTH 5001: Orientation to International Health
4. Complete a global health related project (may be student's thesis or may be substituted with other course work)

**Contact:**

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### Nursing

**Undergraduate:**

1. INTH 301: Fundamental Concepts in Global Health
2. NURS 372: Health in the global community
3. NURS 394: Global Health Seminar
4. Complete a global health related project (may be substituted with other course work).

**Graduate:**

1. INTH 401: Fundamental Concepts in Global Health
2. EPBI 484 or EPBI 494: (choose one of these or other approved epidemiology courses).
3. NURS 494: Global Health Seminar
4. Complete a global health related project (may be substituted with other course work).

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### Biology

1. INTH 301/401 Fundamental Concepts in Global Health
2. Approved electives

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### Engineering

1. INTH 301/401: Fundamental Concepts in Global Health
2. Approved electives

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### Mandel School of Applied Social Sciences

1. INTH 401: Fundamental Concepts in Global Health
2. SSWM 546: International Social Work
3. Additional MSASS elective from an approved list

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## Frequently asked questions

### ***How do I apply?***

Students enrolled in participating CWRU schools and departments may apply for the certificate. In order to be formally recognized as part of this program, or to participate in the certificate program, please contact a participating faculty member.

### ***When is the application deadline?***

There is currently no deadline for participation.

### ***May I use Framework resources if I come from an institution other than CWRU?***

The Framework web site resources are available to everyone. Participation and enrollment in courses is subject to rules, regulations, and fees set forth by Case Western Reserve University and participating institutions.

### ***How much will the program cost me?***

This program provides a free, single resource to discover Global Health opportunities at CWRU and partnering institutions. Participation and enrollment in courses is subject to rules, regulations, and fees set forth by Case Western Reserve University and participating institutions. Additional costs may be associated with some research experiences.

### ***How will the Certificate in Global Health program better prepare me for a career in global health?***

This program provides a resource for educational opportunities in Global Health at Case Western Reserve University and affiliated institutions. Some of the world's leading experts in Global Health have agreed to participate as advisors in this program and will work with you to achieve your academic and career goals.

### ***Will my participation in the Certificate Program be reflected on my transcript?***

No. However, this program will help you achieve your educational objectives in Global Health. In addition, you may be able to receive a certificate of completion from your department or program of study. The requirements for the certificate are program specific. Therefore, you are encouraged to contact a participating faculty member early in your program of study so that you may plan your course schedule appropriately.

## Schools or Departments Offering a Certificate in Global Health

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### **Anthropology**

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### **Bioethics**

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### **Biology**

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### **Epidemiology and Biostatistics**

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### **Engineering**

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### **Mandel School of Applied Social Sciences**

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### **Medicine**

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### **Nursing**

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### **Center for Global Health and Diseases**

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[www.case.edu/med/cfgh/Certificate.html](http://www.case.edu/med/cfgh/Certificate.html)