

Global Health Major Registration Guide Fall 2020

(last updated March 23, 2020)

This guide includes information relevant to course registration at Duke – specifically, registration for the Fall 2020 semester.

General Registration:

Students register for courses using the [DukeHub](https://duke.edu/dukehub) system through the registrar's office. More information and relevant links can be found here: <https://registrar.duke.edu/registration/about-registration>

Best efforts have been made to list current and correct class meeting times in this guide, but this information can change. Please consult the class listings in DukeHub for the most current class information.

Registration Windows:

The registration window for undergraduate students opens on [Thursday, April 2nd at 7:00 am](#). Please note that registration dates are dependent upon number of credits.

The drop/add period begins at 12:00am on Friday, April 10th and ends at 11:59pm on September 4.

Students not registered for classes by Friday, May 1, 2020 will be charged a \$50.00 late registration fee. Additional important dates can be found on the [Academic Calendar](#).

For registration questions, come talk with your advisor!

Request an appointment by contacting **your advisor** by email or using a [booking calendar](#). Advisors are assigned based on the first letter of your last name:

A-K: Kate Sullivan | 919-613-5460 | kathryn.sullivan@duke.edu

L: Laura Bey | 919-613-6293 | laura.bey@duke.edu

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Got a supersupersuper quick question? Email gh-education@duke.edu.

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Registration Windows

The registration window for **undergraduate** students opens on **Thursday, April 4th at 7:00am**. Please note that registration dates are dependent upon number of credits.

Seniors, *Thursday, April 2, 7:00 AM*

Sophomores - (last two digits of the Student ID)

00-49, *Tuesday, April 7, 7:00 AM*

50-99, *Thursday, April 9, 7:00 AM*

Juniors - (last two digits of the Student ID)

00-49, *Friday, April 3, 7:00 AM*

50-99, *Monday, April 6, 7:00 AM*

The drop/add period begins at 12:00 am on Friday, April 10th and ends at 11:59 pm on September 4th.

Students not registered for classes by Wednesday, May 1st will be charged a \$50.00 late registration fee.

Additional important dates can be found on the [Academic Calendar](#).

Required Courses

Core Courses

The following courses are core courses for the major. There are no prerequisites, but we recommend taking GLHLTH 101 before Ethics or Research Methods. **You must take Ethics before completing your Experiential Learning Activity (ELA).** Every student will take Fundamentals of Global Health, Global Health Research Methods, and an approved Ethics course.

GLHLTH 101

Fundamentals of Global Health

Introduction to global health issues and challenges. Develop an understanding of key concepts, tools, and frameworks essential for continued study in global health. Focus on global disease burden, health determinants and disparities, health policy and actors, and challenges of global health interventions. Explore the importance of understanding and addressing global health through multidisciplinary frameworks of the natural sciences, social-behavioral sciences, humanities, and policy.

- Tuesday/Thursday, 1:25pm - 2:40pm

GLHLTH 210/PUBPOL 330/ICS 397/RIGHTS 330

Global Health Ethics

The primary foci of this course are: the ethics of engagement with marginalized/stigmatized populations; understanding the influence of power dynamics; and understanding the ways in which policies create structures that limit abilities. Students explore the roots of their personal value systems and those of others, in an effort to understand causes of conflict and ethical missteps in global health engagement. Involves reading texts and coming to class ready to engage in conversations and activities related to the learning objectives. Weekly 5-question quizzes help to ensure that students come to class prepared to engage with the material.

- Tuesday/Thursday, 8:30am - 9:45am

GLHLTH 371/PSY 309

Research Methods in Global Health

Introduction to research methods through examination of a variety of methodological techniques in behavioral and social sciences and relevant to multidisciplinary GH research. Problem-based approach to practice identifying GH questions of interest, ways to operationalize and test them, including strengths and weaknesses of different approaches. Focus on discussing current GH issues, exploring questions and solutions, reading and evaluating published research and interpreting results. Skills include identification of global health problems, awareness of contextual, behavioral, and ethical issues involved, conceptualization of research questions, and designing a research study.

- Tuesday/Thursday, 10:05am - 11:20am

Foundation Courses

Undergraduate students are required to take three foundation courses from four different categories (one course from three of the four categories).

Arts & Humanities Courses

CULANTH 424-1/GLHLTH 321-1/ ICS 424-1

Medical Anthropology

Cross-cultural study of health and illness. Prerequisites: Completion of both Writing 101 and any First Year Seminar.

- Monday/Wednesday, 3:05pm - 4:20pm

Global Health Systems & Policies Courses

PUBPOL 165/SCISOC 165

Introduction to the United States Health Care System

Overview of key health policy issues in the United States. Topics include: (1) sources of morbidity and mortality; (2) access to health care; (3) financing of health care including an overview of how health insurance works, Medicare and Medicaid and why there are uninsured persons and to what effect; (4) health care quality; (5) end-of-life issues and care in advanced stage illness; (6) the role of non-profit versus for-profit ownership of health care facilities and to what effect; (8) long term care and care-giving issues; and (9) the impact of social phenomenon such as income inequality, social class and culture on health care.

- Wednesday 8:30am - 11:00am

GLHLTH 303

Global Health Systems

Introduces global health systems in three modules—Globalization, Health, and Systems—then draws these three topics together to situate the concept and practice of “global health” within the contemporary context of health systems in various countries around the world. Emphasizes systems theory and systems thinking, drawing on a wide a range of disciplines.

- Monday 10:05 am/Wednesday 11:20am

Natural Sciences Courses

BIOLOGY 153**Climate, Coffee, and Coronavirus: Why Ecology Matters to Human Health
(formerly Ecosystem Health and Human Well-Being)**

This course explores interactions between organisms and their environments that impact human health. We will examine the effects of climate change and human population growth on our food supply, water availability, the spread of disease, and ecosystem services. Case studies will be used to illustrate the scientific process, to evaluate supporting evidence, and to investigate ethical issues.

- Wednesday/Friday 10:05am - 11:20am

BIOLOGY 209-1**The Ecology of Human Health**

Humans are the dominant species on Earth and ecology is key to understanding the multiple feedbacks through which their activities affect human health. Fundamental principles of ecology, from population to ecosystem levels, will be examined through the lens of human health. Topics include human population growth and carrying capacity, why we age, infectious disease dynamics, the microbiome and human health, sustainable agriculture and food security, sustainable harvest of wild foods, dynamics of pollutants in food webs, ecosystem services to humans, and human impacts of climate change. Not open to students who have taken Biology 209 or Biology 209D-2.

- Tuesday/Thursday 10:05am - 11:20am

Social Sciences Courses**GLHLTH 215/GSF 220****Global Reproductive Health**

Through the examination of weekly case studies, students will explore the complexity of working in the field of global sexual and reproductive health and the ways in which various health and social science disciplines can be integrated in the development of effective health programs. Session topics will include family planning, maternity care, gender-based violence, abortion, and HIV/AIDS. Using examples from the US and low-and middle-income countries, students will identify key focus areas in sexual and reproductive health, technical and programmatic challenges and successful interventions. Recommended prerequisite: Global Health 212.

- Wednesday/Friday, 1:25pm - 2:40pm

SOCIOL 361/GLHLTH 340/RIGHTS 362**Social Determinants of US Health Disparities**

An introduction to how social factors influence health and well-being, with a particular focus on contemporary U.S. society. Topics include obesity, aging, socioeconomic disadvantage, access to health insurance, public health systems, the role of the media, and racial/ethnic and gender inequalities. The course will provide descriptive assessments of health inequalities and analytic examinations of the mechanisms through which social factors affect health.

- Tuesday/Thursday, 11:45am - 1:00pm

Statistics Course

Undergraduate students are required to take one statistics course. **It is recommended that the course be completed BEFORE students enroll in a Research Methods course.**

Students can choose one course from among the following options:

- ANY course with a STA prefix
- BIOLOGY 304 Biological Data Analysis
- BME 244 Quantitative Physiology with Biostatistical Applications
- BME 208D Introduction to Econometrics
- MATH 230 Probability
- PSY 201L Introduction to Statistical Methods in Psychology
- SOCIOLO 333 Quantitative Analysis

Elective Courses

Students are required to take a total of three (3) pre-approved elective courses to meet requirements of the Global Health program. Below are the Global Health options, including cross-listed courses, plus those courses which have already been preapproved as electives toward the major for this term. **Courses listed as fulfilling Foundation requirements (above) may also count as electives.**

An elective is defined as:

- Any course at the 200 level or above with a GLHLTH prefix or GLHLTH cross-listing
- A global health independent study (GLHLTH 391, 392*, 393, 395 or 396)
- A preapproved elective course

Please note:

- Courses fulfilling the Core requirements may not be counted as electives.
- Only one research independent study may be counted as an elective, if approved by the DUS.
- Courses may **NOT** double-count within the major.
- [Preapproved study abroad](#) courses may count as electives. Students can view GLHLTH and GLHLTH cross-listed courses [here](#).

*GLHLTH 392 is graded S/U. There are limits on the total number of courses an undergraduate students can use to count toward their degree in this grading category. Please see the [undergraduate bulletin](#) for further information.

If you wish to petition another course to count as an elective, complete this form:

<http://bit.ly/DGHIcoursepetition>. *Courses must be approved **prior** to being taken.*

The list below includes the GLHLTH courses and preapproved electives for Fall 2020.

AAAS 343/CULANTH 342/LATAMER 343/SOC 343
Migration and
Human Trafficking

BIOLOGY 212L
General Microbiology

BIOLOGY 262/ENVIRON 274
People, Plants and Pollution

COMPSCI 260
Introduction to Computational Genomics

CULANTH 341/GLHLTH 353/ICS 353
Life and Death: Global Perspectives

DANCE 215S/GLHLTH 216S/ THEATRST 279S
Performing Sexual Health

EDUC 275S/GLHLTH 275S
Leadership and the Changing Landscape of Health
Care

ENVIRON 501
Environmental Toxicology

FRENCH 325S/ICS 332S/GLHLTH 325S/RIGHTS 325S
Global Displacement: Voix Francophones

GLHLTH 362
Understanding the Causes and Spread of Human
Disease: Global Health Epidemiology

GLHLTH 571
Global Maternal and Child Health

GLHLTH 573D
One Health: From Philosophy to Practice

GLHLTH 604
Air Quality: Human Exposure and Health Effects

GLHLTH 673S
Global Surgical Care

GSF 369S/ICS 208/GLHLTH 208/ HISTORY
249/RIGHTS369
Transnational Feminism

HISTORY 235/GLHLTH 235/ICS 257
Drugs, Chemicals, and Health

HISTORY 239/AMES 142/GLHLTH 142
History of Chinese Medicine

I&E 263S/GLHLTH273
Problem Solving in Global Health

NEUROSCI 380L/PSY 375
Functional Anatomy of the Human Brain

PSY 207 Child Clinical Psychology

PSY 220 The Psychology of Gender

PSY 276/NEUROSCI 211D Brain and Behavior

PSY 277/NEUROSCI 277
Looking Inside the Disordered Brain

PSY 316S/GSF 235S
Clinical Considerations with the LGBTQ+
Community

SOCIOL 250 Medical Sociology

SPANISH 306/LSGS 306/GLHLTH 326/CULANTH 306
Health, Culture and the Latino Community

If you wish to petition another course to count as an elective, complete this form:
<http://bit.ly/DGHIcoursepetition>. Courses must be approved **prior** to being taken.

Senior Capstone Seminar

Students are required to take one Capstone seminar **after** they have completed their ELA and Core Courses. GLHLTH 499 is typically offered in the fall and spring; two sections are offered in the spring.

GLHLTH 499

Global Health Capstone

Capstone course for students in global health major. Group analysis of a current global health problem/issue. Project involves background research, data acquisition, analysis, writing, and presentation of a substantial research paper/report at an advanced level.

- Friday, 10:05am-12:35pm

You will be assigned a section based on your responses to the Capstone survey completed earlier in the month. If you did not yet take the survey it is available at

https://duke.qualtrics.com/jfe/form/SV_5o16uCsIzmWme57.

Graduation with Distinction

Students who would like to write a senior thesis and be eligible to graduate with distinction must go through an application process and be approved to write a thesis. If approved, students must:

- Have an overall GPA of 3.3 and a 3.5 GPA in core and foundations global health classes
- Complete one independent study in global health (GLHLTH 393)
- Complete two half-credit thesis courses (GLHLTH 495s fall, GLHLTH 496s spring)
- Write an original thesis of at least 40 pages in length

Students can use GLHLTH 393 as an elective credit for the major. Writing a thesis does not relieve students of the global health Capstone course requirement (GLHLTH 499).

If students choose a topic which spans both of their majors, they are encouraged to write a double thesis in order to integrate both subject areas. The requirements of the co-major regarding Graduation with Distinction must also be followed, and students must decide to do a double thesis at the beginning of their project.

Students should first identify a faculty member willing to mentor them for a senior thesis in the spring of their junior year. The student and faculty member will agree upon the project structure and fill [out an application](#) for graduation with distinction. If approved, the student will be granted a permission number for GLHLTH 495s. They must separately submit an [independent study request](#) for GLHLTH 393 for Fall 2020. Questions about graduation with distinction in global health should be directed to [Erin Degerman](#).

GLHLTH 495S

Global Health Thesis

Accompanies the writing of a research-focused thesis in Global Health. Provides information on the thesis writing process and feedback on student projects. Covers basics of research design (identifying appropriate research questions and related analyses), interpretation of results, writing skills and strategies, and oral presentation. Students are expected to work closely with their faculty mentor on their project. Restricted to

students enrolled concurrently in a research independent study and seeking Graduate with Distinction. May be open to Program II students if thesis topic is directly related to global health and with permission of the instructor.

- Wednesday, 3:05pm - 4:20pm

Inter-Institutional Registration

Students may review other course offerings at Duke and local institutions, proposing courses for review and approval. A pre-approved list will not be provided. Students should collect and present the course description and syllabus, as well as a brief explanation of why the course should be approved. The petition form can be found here: <http://bit.ly/DGHIcoursepetition>

The Duke policies for inter-institutional registration can be found here:

<https://registrar.duke.edu/registration/special-registrations>

Necessary forms for inter-institutional registration can be found at the above link, too. Please look for information for “Duke Students Visiting Other Campuses.”

Course listings are here:

- NCSU - <http://www.ncsu.edu/registrar/>
- UNC Chapel Hill - <http://registrar.unc.edu/Courses/index.htm>
- Other institutions - <https://registrar.duke.edu/interinstitutional-duke-students-visiting-other-campuses>

The Global Health Minor

The Global Health minor consists of five courses:

- GLHLTH 101
- Global Health Ethics
- Three Elective Courses

An elective is defined as:

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