

# Certificate Programs

The UAB School of Public Health has three certificate programs:

## Certificate in Applied Biostatistics and Epidemiology

Chair: Jeff Szychowski, Ph.D.

Vice Chair of Education: Stacey Cofield, PhD

Contact Person: Nicole Cross, MA

Contact E-mail: [nicolen@uab.edu](mailto:nicolen@uab.edu)

Phone: (205) 934-4358

Website: <https://www.uab.edu/soph/home/graduate/programs/biostatistics-and-epidemiology-certificate>

The Certificate in Applied Biostatistics and Epidemiology aims to provide applied knowledge and skills in common statistical analysis and introductory concepts of epidemiological methods. With both existing and continually emerging public health issues, there is a great demand for professionals with the skills to analyze and interpret real-world public health and healthcare-related data to solve problems in these fields and to research and analyze real-world public health and healthcare-related problems.

### Program Format

The 5-course certificate will teach methods in applied biostatistics, including linear and categorical methods, research design, and an introduction to epidemiological methods. The certificate can be completed online or a blend of online and face-to-face courses. Students must maintain a 3.0 GPA to remain in good academic standing and to earn the certificate.

### Admission Requirements

Graduate students may enroll in the Applied Biostatistics and Epidemiology Certificate Program at any time during their graduate course of study at UAB. Any student who wishes to enroll into the Applied Biostatistics and Epidemiology Certificate Program is responsible for meeting with his or her departmental coordinator and with the Department of Biostatistics Student Coordinator to ensure that all administrative requirements have been met.

Applicants not currently enrolled at UAB should apply by completing an application through the [UAB Graduate School](#). Currently enrolled UAB graduate students should apply by submitting the following documents to Nicole Cross ([nicolen@uab.edu](mailto:nicolen@uab.edu)).

### Application Requirements

- Transcripts from ALL higher education institutions you attended and received college credit (unofficial are fine)
- A bachelor's degree with an undergraduate GPA of 3.0 or higher
- Resume/Curriculum Vitae
- Personal statement

Requirements	Hours
Departmental Requirements	9
BST 611	Intermediate Statistical Analysis I
BST 612	Intermediate Statistical Analysis II
EPI 610	Principles of Epidemiologic Research
<b>Elective Biostatistics - choose 1</b>	<b>3</b>

BST 613	Intermediate Statistical Analysis III	
BST 625	Design/Conduct Clinical Trials	
BST 626	Data Management and Reporting with SAS	
<b>Elective Epidemiology - choose 1</b>	<b>3</b>	
EPI 602	Epidemiology of Chronic Diseases	
EPI 603	Injury-Epidemiologic Principles and Prevention Strategies	
EPI 605	Epidemiology of Infectious Diseases	
EPI 621	HIV/AIDS and STDs	
Any other EPI Course (if prerequisites are met)		
<b>Total Hours</b>		<b>15</b>

## Public Health Graduate Certificate

Contact Person: Meghan Walker

Contact E-mail: [mewalker@uab.edu](mailto:mewalker@uab.edu)

Phone: (205) 934-2684

Website: [www.uab.edu/soph](http://www.uab.edu/soph)

The Public Health Certificate is a 17-hour course of study ideal for individuals interested in exploring the field of public health or expanding their knowledge and skills. The certificate is built around the [MPH Core](#), which is based on the Evidence-Based Public Health framework. This core set of courses builds skills in all critical areas of public health, including public health and health care systems; planning and promotion to promote health; as well as policy, leadership, communication, and systems thinking. Students also select one elective course from all available master's-level courses to round out their training.

The Public Health Certificate is available completely online and does not require any travel to Birmingham (though students are welcome to take on-campus courses if they prefer). Coursework taken in pursuit of the Public Health Certificate can be used toward an MPH degree for students who choose to continue their training at the UAB School of Public Health.

### Program Format

Students are required to take the 6 public health core courses from the Master of Public Health program (14 credit hours) and a 3 credit hour elective, for a total of 17 credit hours. Students must maintain a 3.0 GPA to remain in good academic standing and to earn the certificate. Certificate students may apply for the MPH or other degree programs within the UAB School of Public Health and if admitted, the courses taken will be counted towards the completion of the degree program; the courses must have been completed in the last five years with a minimum grade of B. If you have questions about the program prior to enrolling, please reach out to Meghan Walker at [mewalker@uab.edu](mailto:mewalker@uab.edu).

### Admission Requirements

Applicants not currently enrolled at UAB should apply by completing an application through the UAB Graduate School: [www.uab.edu/graduate/admissions](http://www.uab.edu/graduate/admissions).

### Application Requirements

- A Bachelor's degree from a regionally accredited institution
- GPA of 3.0 or higher
- Statement of Purpose

Requirements	Hours
Public Health Courses	
PUH 601	This is Public Health

PUH 602	Community Assessment	3
PUH 603	Quantitative Methods in Public Health	3
PUH 604	Programs and Policies	3
PUH 605	Public Health Management and Evaluation	3
PUH 606	Leadership for Evidence-Based Public Health	1
<b>Approved Elective Course</b>		<b>3</b>
<b>Total Credit Hours:</b>		<b>17</b>

Admissions requirements include:

- A bachelor's degree from a regionally accredited institution
- 3.0 GPA
- Statement of purpose

Undergraduate students in any major are eligible to apply to the GHS graduate certificate. An application must be submitted to the [UAB Graduate School](#). To be considered for the certificate, student must have:

- At least a 3.5 GPA in undergraduate courses.
- Completed 60 undergraduate credit hours, and at least 36 hours at UAB.

Once admitted to the certificate, undergraduate student must meet the following:

- Maintain a 3.5 GPA in undergraduate courses.
- Receive a B or better in graduate courses taken while still an undergraduate student.
- Maintain full-time student status at UAB.

Any student who wishes to enroll into the GHS Certificate Program is responsible for meeting with his or her departmental coordinator and with the GHS program coordinator to ensure that all administrative requirements have been met. Any student who does not maintain a "B" average in his or her certificate courses is subject to dismissal from the certificate program.

Requirements	Hours
<b>Global Health Studies Core (6 hours)</b>	
GHS 600	Fundamentals of Global Health
GHS 601	Global Health Partnerships and Development
<b>Global Health Studies &amp; IDGH Approved Electives (6-9 hours)</b>	
GHS 603	Immigrant, Migrant, Refugee Health
GHS 604	Infectious Diseases of Global Health Significance
GHS 605	Disabilities and Global Health
GHS 606	Critical Issues in Global Maternal and Child Health
GHS 607	Global Health and Gender
GHS 608	Food and Nutrition in Resource Limited Settings
GHS 609	Environmental Health in Resource Limited Settings
GHS 611	International NGO Management
GHS 645	Comparative Health Systems and Policy
GHS 649	Interprofessional Global Health Service Learning
GHS 630	Field Training in World Hunger and Malnutrition: Practical Skills to Make a Difference
GHS 690	Special Topics in Global Health
IDGH 620	Global Health Ethics
<b>Other Electives (0-3 hours)</b>	
ENH 610	Environmental Disasters
EPI 602	Epidemiology of Chronic Diseases
EPI 605	Epidemiology of Infectious Diseases
EPI 621	HIV/AIDS and STDs
HPO 608	Reproductive Health
HPO 631	Public Health Demography
HPO 628/728	Qualitative and Mixed Methods Research in Public Health
PUH 696	Exploring Population Health
<b>Total Credit Hours:</b>	<b>15</b>

## Global Health Studies Graduate Certificate

Director: Meredith Gartin, PhD

Contact Person: Misty Altiparmak, MEd

Contact E-mail: [maltima@uab.edu](mailto:maltima@uab.edu)

Phone: (205) 996-0076

Website: [www.uab.edu/soph/home/graduate/programs/global-health-studies-certificate](http://www.uab.edu/soph/home/graduate/programs/global-health-studies-certificate)

This 15-hour certificate program is offered to any UAB student who seeks to further their foundational knowledge and practical skills that are expected of professionals pursuing careers in global health and international development. Students may choose from several online or classroom-based courses to meet the requirements for this program. Upon successful completion of program requirements, students will receive a graduate certificate awarded by the University of Alabama at Birmingham. In order to be enrolled in the graduate certificate program, you have to be enrolled as a student with the UAB Graduate School (UAB Graduate Admissions). Undergraduate students may apply to the certificate program, but the certificate will not be awarded until a bachelor's degree is earned. This certificate can be used as part of UAB's master's degree program in Interdisciplinary Graduate Studies.

Upon completion of the GHS certificate program, participants will be able to:

- Analyze the relationship between global health and development.
- Use appropriate methods to appraise global health challenges and health care systems, as well as responses to these challenges.
- Synthesize information from primary and secondary sources to help identify appropriate interventions and actions in the field of global health.
- Use research, planning and management methods to make efficient and effective use of available resources in field settings.
- Develop professional skills in program design, program monitoring, and evaluation.

### Program Format

Students are required to complete GHS 600 and GHS 601 for 6-credit hours, and an additional 9-credit hours of approved public health and global health courses for a total of 15-credit hours. Students must take a minimum of 6-credit hours from GHS & IDGH approved electives.

### Admission Requirements

Currently enrolled UAB graduate students should apply by submitting the [change of program form](#).

Applicants not currently enrolled at UAB should apply by completing an application through the [UAB Graduate School](#).

## Graduate Certificate in Disability Health Studies

Program Director: Dr. Teneasha Washington, [teneasha@uab.edu](mailto:teneasha@uab.edu)

Program Director: Dr. Jereme Wilroy, [jdwilroy@uab.edu](mailto:jdwilroy@uab.edu),

Program Coordinator: Julie Brown, [jebrown@uab.edu](mailto:jebrown@uab.edu)

Website: <https://www.uab.edu/soph/home/graduate/programs/dhs-graduate-certificate>

The 15-hour Disability Health Studies Graduate Certificate program will prepare masters', doctoral, post-doctoral, and post-masters' students with advanced knowledge and skills to develop, implement, evaluate, and disseminate programs promoting the health of individuals with disabilities. It is a unique program that will educate and train health professionals on inclusion and implementation science in the field of disability health.

Students may choose between courses in health behavior, health policy and organization, and administrative health services. Students may choose from several online or classroom-based courses to meet the program requirements.

Currently enrolled UAB graduate students should apply by submitting the [change of program form](#).

Applicants not currently enrolled at UAB should apply by completing an application through the [UAB Graduate School](#).

### Program Format:

Online, In-Class

### Admissions requirements include:

- A Bachelor's degree from a regionally accredited institution
- 3.0 GPA
- Statement of Purpose

Certificate students may apply for the MPH or other degree programs within the UAB School of Public Health and if admitted, the courses taken will be considered counting towards the completion of the degree program. If you have questions about the program prior to enrolling, please reach out to Julie Brown at [jebrown@uab.edu](mailto:jebrown@uab.edu).

Requirements	Hours
HB 613 Health Promotion Practices and Disability	3
HB 617 Implementation Science and Disability Health	3
<b>Approved Electives<sup>1</sup></b>	<b>9</b>
HB 605 Physical Activity in Public Health	
HB 612 Examining Health Inequities in Social and Behavioral Sciences	
HB 624 Advanced Social and Behavioral Science Theory	
HB 630 Health Communications: Theory and Practice	
HB 643 Health Program Evaluation	
HPO 628 Qualitative and Mixed Methods Research in Public Health	
AH 785 Qualitative Research: Analysis and Interpretation	
AH 779 Mixed Methods Applications in Action and Community-Based Participatory Research	
AH 783 Writing Effective Mixed Methods Grant Proposals	
<b>Total Hours</b>	<b>15</b>

<sup>1</sup> Additional courses may be counted toward the certificate program completion requirements upon approval by the program directors.

## Graduate Certificate in LGBTQ Health and Wellbeing

Program Director: Dr. Sarah MacCarthy, [smacCarthy@uab.edu](mailto:smacCarthy@uab.edu)

Program Coordinator: Julie Brown, [jebrown@uab.edu](mailto:jebrown@uab.edu)

Website: [www.uab.edu/soph/home/graduate/programs/lgbtq-grad-cert](http://www.uab.edu/soph/home/graduate/programs/lgbtq-grad-cert)

The 15-hour LGBTQ Health and Wellbeing Graduate Certificate Program will provide advanced education in LGBTQ health to graduate and post-doctoral students at UAB seeking to enhance their skills regarding LGBTQ-related research and advocacy. It will prepare students and future professionals to have an immediate impact on LGBTQ inequities in the Deep South and throughout the nation. Graduate students may choose between courses in counseling, human services, psychology, and health behavior. Students may choose from several online or classroom-based courses to meet the requirements for this program. All students will participate in a service-learning in-person course led by UAB faculty and staff from Birmingham AIDS Outreach.

Currently enrolled UAB graduate students should apply by submitting the following [change of program form](#).

Applicants not currently enrolled at UAB should apply by completing an application through the [UAB Graduate School](#).

### Program Format:

In-class

### Admissions requirements include:

- A Bachelor's degree from a regionally accredited institution
- 3.0 GPA
- Statement of Purpose

Certificate students may apply for the MPH or other degree programs within the UAB School of Public Health and if admitted, the courses taken will be considered counting towards the completion of the degree program. If you have questions about the program prior to enrolling, please reach out to Julie Brown at [jebrown@uab.edu](mailto:jebrown@uab.edu).

Requirements	Hours
HB 604 LGBTQ Health and Wellbeing Service Learning	3
HB 607 Introduction to LGBTQ Health or HB 707 Introduction to LGBTQ Health	3
<b>Electives</b>	<b>9</b>
ANTH 657 Anthropology of Gender	
ECG 628 Counseling Diverse Populations	
HB 600 Social and Behavioral Sciences in Public Health	
HB 601 LGBTQ Research Methods	
HB 615 Homelessness, Housing and Health	
HB 639 Survey Design and Analysis in the Social and Behavioral Sciences	
PY 731 Health Psychology	

SW 653	Social Work Practice along the HIV Continuum of Care	
Total Hours		15

## Graduate Certificate in Maternal and Child Health Policy Leadership

Contact Person: Misty Altiparmak, MEd

Contact E-mail: [maltime@uab.edu](mailto:maltime@uab.edu)

Phone: (205) 996-0076

Website: [www.uab.edu/soph/home/graduate/programs/mch-policy-and-leadership-certificate](http://www.uab.edu/soph/home/graduate/programs/mch-policy-and-leadership-certificate)

This 15-hour certificate program is offered to individuals interested in exploring the field of maternal and child health (MCH) and learning about programs and policies that support MCH populations—women, infants, children, adolescents, and children and youth with special health care needs. It focuses on courses that expand knowledge of approaches to conceptualizing and influencing the health trajectories of MCH populations, develop competencies in measuring progress in improving the health and well-being of MCH populations, and generate awareness of specific programs and policies that support MCH systems development. This certificate can be used as part of UAB's new interdisciplinary master's degree program. Application deadlines for this certificate follow the UAB Graduate School's application deadlines for Degree-seeking Students.

### Program Format

Students are required to complete HPO 605 and HPO 606 for 6-credit hours, and one MCH elective for 3-credit hours, and an additional 6-credit hours of other approved electives for a total of 15-credit hours. Offered online and in-class.

### Admission Requirements

Currently enrolled UAB graduate students should apply by submitting the change of program form.

Applicants not currently enrolled at UAB should apply by completing an application through the [UAB Graduate School](#).

Admissions requirements include:

- A bachelor's degree from a regionally accredited institution
- 3.0 GPA
- Statement of purpose

Certificate students may apply for the MPH or other degree programs within the UAB School of Public Health and if admitted, the courses taken may be counted towards the completion of the degree program (per department discretion).

Undergraduate students currently enrolled in any major are eligible to apply to the MCH Certificate. An application must be submitted to the UAB Graduate School.

To be considered for the certificate, students must have:

- At least a 3.5 GPA in undergraduate courses.
- Completed 60 undergraduate credit hours, and at least 36 hours at UAB. Once admitted to the certificate, undergraduate students must meet the following:

- Maintain a 3.5 GPA in undergraduate courses
- Receive a B or better in graduate courses taken while still an undergraduate student
- Maintain full-time student status at UAB

For students in the certificate program who have not yet earned a bachelor's degree, this certificate can be awarded once all requirements are completed and the bachelor's degree has been conferred.

Requirements	Hours
HPO 605	Evidence-Based Foundations of Maternal and Child Health Systems
HPO 606	Health and Development through the Life Course: Perspectives, Programs, and Policies
MCH Elective <sup>1</sup>	3
Other Approved Electives <sup>2</sup>	6
<b>Total Hours</b>	<b>15</b>

<sup>1</sup> One course from the following list must be taken to fulfill this requirement: HPO 608, HPO 633, HPO 672, or HPO 635.

<sup>2</sup> Two courses from the following list must be taken to fulfill this requirement: HPO 608, HPO 633, HPO 672, HPO 635, HPO 632, GHS 606, HB 611, HB 613, HB 618, or HB 607.