Certificate Programs

The UAB School of Public Health offers the following 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
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 submitted the following documents to Nicole Cross (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	
Elective Biostatistics - choose 1		**3**
BST 613	Intermediate Statistical Analysis III	
BST 625	Design/Conduct Clinical Trials	
BST 626	Data Management and Reporting with SAS	
Elective Epidemiology - choose 1		**3**
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)		
Total Hours		**15**

Public Health Graduate Certificate

Contact E-mail: **soph@uab.edu**
Website: **www.uab.edu/soph**

The Public Health Certificate is a 15-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 4 public health core courses from the Master of Public Health program (12 credit hours) and a 3 credit hour elective, for a total of 15 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 soph@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.

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	3
PUH 602	Community Assessment	3
PUH 603	Quantitative Methods in Public Health	3

PUH 604	Programs and Policies	3
Approved Elective Course		**3**
Total Credit Hours:		**15**

Global Health Studies Graduate Certificate

Director	Meredith Gartin, PhD
Contact Person	Misty Altiparmak, MEd
Contact E-mail	maltima@uab.edu
Phone	(205) 996-0076
Website	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, a minimum of 6-9 credits hours from GHS & IDGH approved electives. and an additional 0-3 credit hours of approved public health and global health courses for a total of 15 credit hours.

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

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
Global Health Studies Core (6 hours)		
GHS 600	Fundamentals of Global Health	3
GHS 601	Global Health Partnerships and Development	3
Global Health Studies & IDGH Approved Electives (6-9 hours)		
GHS 603	Immigrant, Migrant, Refugee Health	3
GHS 604	Infectious Diseases of Global Health Significance	3
GHS 605	Disabilities and Global Health	3
GHS 606	Critical Issues in Global Maternal and Child Health	3
GHS 607	Global Health and Gender	3
GHS 608	Food and Nutrition in Resource Limited Settings	3
GHS 609	Environmental Health in Resource Limited Settings	3
GHS 611	International NGO Management	3
GHS 645	Comparative Health Systems and Policy	3
GHS 649	Interprofessional Global Health Service Learning	3
GHS 619	Health Policy Analysis	3
GHS 630	Field Training in World Hunger and Malnutrition: Practical Skills to Make a Difference	3-6
GHS 690	Special Topics in Global Health	1-6
IDGH 620	Global Health Ethics	3
Other Electives (0-3 hours)		
ENH 610	Environmental Disasters	3
EPI 602	Epidemiology of Chronic Diseases	3
EPI 605	Epidemiology of Infectious Diseases	3
EPI 621	HIV/AIDS and STDs	3
EPI 682	Gorgas Course in Tropical Med	3-9
GHM 604	Global Health Research Methods	3
HPO 603	Public Health Policy	3
HPO 608	Reproductive Health	3
HPO 631	Public Health Demography	3
HPO 628/728	Qualitative and Mixed Methods Research in Public Health	3

PUH 696	Exploring Population Health	6
Total Credit Hours:		**15**

Graduate Certificate in Disability Health Studies

Program Director	Dr. Teneasha Washington, teneasha@uab.edu
Program Director	Dr. Jereme Wilroy, jdwilroy@uab.edu
Program Coordinator	Julie Brown, 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.

Requirements		Hours
HB 613	Health Promotion Practices and Disability	3
HB 617	Implementation Science and Disability Health	3
Approved Electives [1]		**9**
HB 605	Physical Activity in Public Health	
HB 612	Examining Health Inequities in Social and Behavioral Sciences	
HB 615	Homelessness, Housing and Health	
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	
PUH 604	Programs and Policies	
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	
Total Hours		**15**

[1] 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
Program Coordinator	Julie Brown, jebrown@uab.edu
Website	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. It will prepare students and future professionals to have an immediate impact on LGBTQ health 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 an introductory course and 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

Requirements		Hours
HB 604	LGBTQ Health and Wellbeing Service Learning	3
HB 607	Introduction to LGBTQ Health	3
or HB 707	Introduction to LGBTQ Health	
Electives		**9**
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: maltima@uab.edu
Phone: (205) 996-0076
Website: 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	3
HPO 606	Health and Development through the Life Course: Perspectives, Programs, and Policies	3
MCH Elective [1]		3
Other Approved Electives [2]		6
Total Hours		**15**

[1] One course from the following list must be taken to fulfill this requirement: HPO 608, HPO 633, HPO 672, or HPO 635.
[2] 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.

Graduate Certificate in Climate and Health

The 15-hour Climate and Health Graduate Certificate program will prepare masters', doctoral, post-doctoral, and post-masters' students with advanced knowledge in the broad area of climate, weather and weather events, and health. This can include climate and weather-related effects on human and environmental health as well as aspects of preparedness, response, recovery, and adaptation to climate and weather events and related disasters.

Students may choose between courses in environmental health, health behavior, and global health sciences. Students may choose from several online courses to meet the program requirements.

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 Julie Brown (jebrown@uab.edu).

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.

Requirements		Hours
ENH 607	Fundamentals of Climate Change and Health	3
ENH 615	Environmental Justice and Ethics	3

ELECTIVES		**9**
ENH 604	Introduction to GIS in Public Health	
ENH 609	Climate, Water Resources, and Public Health	
ENH 610	Environmental Disasters	
GHS 600	Fundamentals of Global Health	
GHS 603	Immigrant, Migrant, Refugee Health	
GHS 609	Environmental Health in Resource Limited Settings	
HB 612	Examining Health Inequities in Social and Behavioral Sciences	
Total Hours		**15**