



## New Academic Program Workflow Form

### General

**Proposed Name:** Global Health

Transaction Nbr: 00000000000109

Plan Type: Specialization

Academic Career: Undergraduate

Degree Offered: Undergraduate Certificate

Do you want to offer a minor? N

Anticipated 1st Admission Term: Fall 2022

### Details

Department(s):

#### PBLH

DEPTMNT ID	DEPARTMENT NAME	HOST
4201	College of Public Health	Y

Campus(es):

#### GLBD

LOCATION	DESCRIPTION
ONLN	UA Online

#### MAIN

LOCATION	DESCRIPTION
TUCSON	Tucson

#### ONLN

LOCATION	DESCRIPTION
ONLN	Online

**Admission application terms for this plan:** Spring: Y Summer: Y Fall: Y

**Plan admission types:**

Freshman: Y Transfer: Y Readmit: Y Graduate: Y

Non Degree Certificate (UCRT only): N

Other (For Community Campus specifics): N

**Plan Taxonomy:** 51.2210, International Public Health/International Health.

Program Length Type: Program Length Value: 0.00

Report as NSC Program:

SULA Special Program:

**Print Option:**

Diploma: Y Undergraduate Certificate, Global Health

Transcript: Y Undergraduate Certificate, Global Health

**Conditions for Admission/Declaration for this Major:**

Students must have a high school diploma (or equivalent), MATH109C - College Algebra or equivalent, and a 2.0 GPA.

**Requirements for Accreditation:**

There are no additional requirements, other than the university requirement.

## **Program Comparisons**

### **University Appropriateness**

The proposed program supports the University of Arizona's ambitions for institutional excellence and distinctiveness. The expansion of a Global Health program which includes additional trainings to improve public health is aligned with the MEZCOPH mission in service learning and the 2019 Council on Education for Public Health (CEPH) accreditation criteria associated with cultural contexts in which public health professionals work.

Students completing this certificate will be equipped to address the socioeconomic, behavioral, biological, environmental and other factors that impact human health and contribute to health disparities.

### **Arizona University System**

NBR	PROGRAM	DEGREE	#STDNTS	LOCATION	ACCRDT
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### **Peer Comparison**

see attached

## Faculty & Resources

### Faculty

Current Faculty:

INSTR ID	NAME	DEPT	RANK	DEGREE	FCLTY/%
00909419	Mona Arora	4206	Assit. Prof	Doctor of Philosophy	5.00
01011437	Jonathan Sexton	4206	Instructor	Doctor of Philosophy	5.00
02134265	Aminata Kilungo	4206	Assit. Prof. Pract.	Doctor of Philosophy	5.00
02914662	Priscilla Magrath	4205	Senior Lecturer	Doctor of Philosophy	10.00
17705323	John Ehiri	4201	Professor	Doctor of Philosophy	10.00
22060697	Marc Verhougstraete	4206	Assit. Prof	Doctor of Philosophy	5.00
22086640	Adaeze Oguegbu	4212	Lecturer	Doctor of Philosophy	5.00

Additional Faculty:

We do not anticipate the need for additional faculty to offer this program but may increase FTE for current faculty as needed.

Current Student & Faculty FTE

DEPARTMENT	UGRD HEAD COUNT	GRAD HEAD COUNT	FACULTY FTE
4201	738	441	72.00

Projected Student & Faculty FTE

	UGRD HEAD COUNT			GRAD HEAD COUNT			FACULTY FTE		
DEPT	YR 1	YR 2	YR 3	YR 1	YR 2	YR 3	YR 1	YR 2	YR 3
4201	738	743	757	441	445	448	72.00	72.05	72.15

### Library

Acquisitions Needed:

none

### Physical Facilities & Equipment

Existing Physical Facilities:

Existing physical facilities and equipment are adequate for this program.

Additional Facilities Required & Anticipated:

none

**Other Support**

Other Support Currently Available:

The MEZCOPH Office of Student Services and Alumni Affairs offers academic advising for all undergraduate degrees in our college. In addition, teaching assistants are assigned to courses with large enrollments.

Other Support Needed over the Next Three Years:

We do not anticipate the need for additional staff or other assistance to support this program in the next three years.

**Comments During Approval Process**

Note: New programs requiring a [program fee](#) must have the fee approved prior to implementation.

- I. **CERTIFICATE DESCRIPTION**—provide a marketing description for the proposed certificate. Include the purpose (preparation for professional certification exams, degree program recruitment, or employability enhancement), nature, and program highlights. The description must match departmental and college websites, Degree Search & Academic Advisement Reports / Graduate Catalog and Program Descriptions page, handouts, promotional materials, etc.

Developed and implemented by public health experts with extensive experience of global health research and practice, and underpinned by the United Nations' Sustainable Development Goals as the guiding framework, the University of Arizona's **Undergraduate Certificate in Global Health** will equip participants with foundational knowledge and skills that are necessary to engage effectively in global health practice - whether at home in a diverse setting, along the border in a bi-cultural environment, working side-by-side in indigenous homelands or abroad where populations and communities are displaced and under-resourced, and where health systems are severely constrained. Participants will be introduced to the world's vast diversity of determinants of health and disease. They will have an opportunity to critically appraise health systems in different parts of the world, and analyze current and emerging global health priorities, including infectious diseases, poverty, conflicts and emergencies, health inequity, principles and impact of health systems reforms, and major global initiatives for disease prevention and health promotion. Delivered entirely online, participants can complete the certificate in one academic year and will have the ability to transfer the associated 12 units to future undergraduate programs in public health at the university of Arizona.

- II. **NEED FOR THE CERTIFICATE/JUSTIFICATION** - describe how the certificate fulfills the needs of the city, state, region, and nation. Provide market analysis data or other tangible evidence of the need for and interest in the proposed certificate. This might include results from surveys of current students, alumni, and/or employers or reference to student enrollments in similar programs in the state or region. Include an assessment of the employment opportunities for graduates of the program during the next three years. Curricular Affairs can provide a job posting/demand report by skills obtained/outcomes/CIP code of the proposed certificate. Please contact the [Office of Curricular Affairs](#) to request the report for your proposal.

Global health is defined as 'an area for study, research, and practice that places a priority on improving health and achieving equity in health for all people worldwide. It emphasizes transnational health issues, determinants, and solutions; involves many disciplines within and beyond the health sciences and promotes interdisciplinary collaboration; and is a synthesis of population-based prevention with individual-level clinical care. In 1997, an Institute of Medicine (IOM) report, "America's Vital Interest in Global Health: Protecting Our People, Enhancing Our Economy, and Advancing Our International Interests" brought to the American public and policy makers, an appreciation for America's direct stake in the health of people around the globe. It defined global health as "health problems, issues, and concerns that transcend national boundaries, and which may be influenced by circumstances or experiences in other countries and are best addressed by cooperative actions and solutions."<sup>2</sup> These definitions reflect a closely linked world, where the globalization of commerce, communications, and travel bring an immediacy that magnifies our opportunities and our problems. For human health, connectedness of knowledge and technology can obviously support surveillance, treatment, and prevention. However, rapid movement of people – some of whom are ill with an infectious disease, movement of food that can be contaminated, water

and air that can be polluted, toxic substances and even terrorism across national borders, bring increased health risks. Given the importance of global health for equity and social justice around the world, individuals and organizations have a passion to address these global challenges, and a sense of urgency to promote social justice. Indeed, as Koplan et al.<sup>1</sup> observe, global health provokes a great deal of media, student, and faculty interest, has driven the establishment or restructuring of several academic programs, is supported by governments as a crucial component of foreign policy, and has become a major philanthropic target. To train the public health workforce to meet the growing demand, there has been rapid acceleration in the creation of global health programs, and a doubling of undergraduate and graduate enrollments in global health programs in US universities.

The Mel and Enid Zuckerman College of Public Health (MEZCOPH) is dedicated to promoting health and wellness of individuals and communities in the southwest and globally with an emphasis on achieving health equity through excellence in research, teaching and service. currently offers an emphasis area in and minor in global health in the BS in public health program on main campus and online. The College also offers a Graduate Certificate and a Master of Public Health (MPH) degree in global Health. ***We propose an Undergraduate Certificate in Global Health*** as an extension of our mission of promoting health and social justice locally and globally. The proposed undergraduate certificate in global health aligns with UArizona's strategic Pillar #4 (Arizona Global) and is not duplicative of existing programs.

The current COVID-19 pandemic has brought a sense of immediacy to the saying that “public health is everywhere.” It has become very clear that SARS, Avian flu, Ebola, West Nile virus, TB, Malaria, Hepatitis, and HIV/AIDS are not distant health challenges that do not concern us. Given the increased awareness of the need for shared solutions to these shared problems of humanity, opportunities in global health work abound, and more individuals are expressing interest in careers in global health. Given the paucity of global health trainings at the undergraduate level nationally and indeed globally, the proposed undergraduate certificate provides an opportunity for early entry to global health training and career for University of Arizona students. Careers in global health present the opportunity to work with people from different backgrounds and to help those in need around the world. Global health professionals may work with national leaders to shape health systems in resource-limited settings. Others may collaborate with government agencies and non-governmental organizations or relief agencies to address social determinants of health and promote population health. An undergraduate certificate in global health will be attractive to students from across the University of Arizona campus, UArizona Online, and UArizona Global Campus Direct. Given the online nature of the program, students from across the UA and other universities in the US and overseas will be able to take it and will be able to transfer the associated units to public health degree programs at UArizona. Job prospect for those graduating with either a BS or Graduate degree in related Public Health disciplines are very good. Expected career growth in public health is between 5-18 % with salaries ranging from \$46,000 -\$76,000<sup>1,2,3</sup> According to a recent Burning Glass market analysis, over 61,000 public health jobs were listed nationally between November and December 2020. The average salary in the nation for graduates of a global health program is \$60,935. Market data continues to show that careers in global health are expected to grow significantly in the next 10 years.

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<sup>1</sup> Bureau Labor of Statistics- Health Educators: <https://www.bls.gov/ooh/community-and-social-service/health-educators.htm>

<sup>2</sup> Bureau Labor of Statistics- Environmental Scientists : <https://www.bls.gov/ooh/life-physical-and-social-science/environmental-scientists-and-specialists.htm>

<sup>3</sup> Bureau Labor of Statistics - <https://www.bls.gov/ooh/life-physical-and-social-science/epidemiologists.htm>

- III. **PROGRAM AFFILIATION**- specify whether the UA offers an affiliated program at the undergraduate or graduate level. The affiliated program may or may not have the same name as the proposed certificate. Will there be any collaboration with other departments or universities to maximize resources? If there is collaboration, please include a memo (email is acceptable) of support from the applicable parties.

The Mel and Enid Zuckerman College of Public Health (MEZCOPH) offers a graduate degree program (MPH) in several concentrations in-person and online in Tucson and on our Phoenix campus. Specifically, this undergraduate certificate program is a result of collaborations of all three Departments of MEZCOPH under the leadership of the Institute of Global Health (GHI), <https://ghi.arizona.edu/> of which our Dean is the Founding Director.

- IV. **CERTIFICATE REQUIREMENTS**– complete the table below to list the certificate requirements, including minimum number of credit hours, required core, electives, and any special requirements. Information in this section must be consistent throughout the proposal documents (comparison chart, department checklists, curricular/assessment map, etc.).

#### UNDERGRADUATE CERTIFICATE

Requirements should include sufficient units to provide a substantive program and an appropriate level of academic rigor and in no case be less than 12 units of credit. Delete **EXAMPLE** column before submitting/uploading; if Graduate Certificate (below) does not apply, delete that table, as well.

Minimum total units required	12
Minimum upper division units	9
Total transfer units that may apply to the certificate  <i>Note: A minimum of six (6) units used to complete the certificate must be University credit.</i>	3
Pre-admissions expectations (i.e., academic training to be completed prior to admission)	<ul style="list-style-type: none"> <li>• <b>Certificate applicants must meet UA Undergraduate Admission requirements</b></li> </ul>
Certificate requirements. List all certificate requirements including core and electives. Courses listed must include <b>course prefix, number, units, and title. Mark new coursework (New)</b> . Include any limits/restrictions needed. Provide email(s)/letter(s) of support from home department head(s) for courses not owned by your department.	<p><b><u>Core Courses (9 units)</u></b></p> <ul style="list-style-type: none"> <li>• <b>EHS 100: One Health in Action (3 units)</b></li> <li>• HPS 302: Introduction to Program Evaluation in Global Health (3 units)</li> <li>• PHP 308: Community Health Education for Disease Outbreaks (3 units)</li> </ul> <p><b><u>Electives (3 Units)</u></b></p> <p>HPS 417: Health Systems in Global Health (3 units)</p> <p>HPS 433: Global Health (3 units)</p> <p>HPS 409: Global Water, Sanitation and Hygiene (WaSH) (3 units)</p>

	<p>HPS 459: Management of Public Health Emergencies (3 units)</p> <p>EHS 439A: Outbreak &amp; Environmental Microbiology: Then and Now (3 units)</p> <p>EHS 489: Public Health Preparedness (3 units)</p> <p>EHS 425: Public Health Lens to Climate Change (3 units)</p>
Internship, practicum, applied course requirements (Yes/No). If yes, provide description.	No
<p>Any double-dipping restrictions (Yes/No)? If yes, provide description.</p> <p>*A maximum of 6 units may double-dip with a degree requirement (major, minor, General Education) or second certificate.</p>	Students may apply 6 units towards Bachelor of Science or a Bachelor of Arts with a public health major.
Additional requirements (provide description)	Students may substitute 3 units with Director of Undergraduate Studies approval.

- V. **CURRENT COURSES**—using the table below, list all existing courses included in the proposed certificate. You can find information to complete the table using the [UA course catalog](#) or [UAnalytics](#) (Catalog and Schedule Dashboard> “Printable Course Descriptions by Department” On Demand Report; right side of screen). If the courses listed belong to a department that is not a signed party to this implementation request, upload the department head’s permission to include the courses in the proposed certificate and information regarding accessibility to and frequency of offerings for the course(s). Upload letters of support/emails from department heads to the “Letter(s) of Support” field on the UAccess workflow form. Add rows to the table, as needed. **New course proposals must be submitted via [UAccess Course Add forms](#) following the procedures and deadlines detailed [here](#).**

Course prefix and number (include cross-listings)	Units	Title	Pre-requisites	Modes of Delivery (online, in-person, hybrid)	Campus and Location Offered	Dept signed party to proposal? (Yes/No)
EHS 100	3	One Health in Action	None	Online	Main-Tucson, AZ Online, Global Direct	Yes
HPS 302	3	Introduction to Program Evaluation in Global Health	none	Online, in person, iCourse	Main-Tucson, AZ Online, Global Direct	Yes



PHP 308	3	Community Health Education for Disease Outbreaks	None	Online	Main-Tucson, AZ Online, Global Direct	Yes
HPS 433	3	Global Health	HPS/CPH 200 and EPID 309 or permission of instructor	Online, in-person	Main-Tucson, AZ Online, Global Direct	Yes
HPS 409	3	Global Water, Sanitation and Hygiene (WaSH)	None	Online, in-person	Main-Tucson, AZ Online, Global Direct	Yes
HPS 417	3	Health Systems in Global Health	none	Online, in-person	Main-Tucson, AZ Online, Global Direct	Yes
HPS 459	3	Management of Public Health Emergencies	None	Online, iCourse	Main-Tucson, AZ Online, Global Direct	Yes
EHS 489	3	Public Health Preparedness	None	Online, iCourse	Main-Tucson, AZ Online, Global Direct	Yes
EHS 439A	3	Outbreak & Environmental Microbiology: Then and Now	EPID/CPH 309 Introduction to Epidemiology or MIC 205A strongly recommended or permission of instructor	Online	Main-Tucson, AZ Online, Global Direct	Yes
EHS 425	3	Public Health Lens to Climate Change	None	Online	Main-Tucson, AZ Online, Global Direct	Yes

## VI. CONTACTS AND ADMINISTRATION

### UNDERGRADUATE

a. List the name and contact information for the primary point of contact for the certificate:

John Ehiri, PhD, MPH, MSc (Econ.)

Associate Dean for Academic Affairs and Professor, Health Promotion Sciences Department

Mel and Enid Zuckerman College of Public Health

Email: [jehiri@arizona.edu](mailto:jehiri@arizona.edu)

b. List the name and contact information for the person or persons who will serve in the role of Director of Undergraduate Studies (DUS) for the certificate (this is not always the same as the DUS for affiliated programs or head of the managing academic unit.):

Melanie Fleck, Coordinator, Public Health Undergraduate Programs

Mel and Enid College of Public Health

Email: [mfleck@arizona.edu](mailto:mfleck@arizona.edu)

c. If known, list the members of the certificate oversight committee for this certificate. Note: undergraduate certificate oversight committees shall consist of a minimum of 3 members, 2 of which are faculty and at least one of the 2 is participating faculty in the certificate program. The oversight committee is responsible for 1) qualifications of participating faculty, 2) coordination of admissions recommendations with the Office of Admissions, and 3) curricular changes:

John Ehiri, PhD, Professor & Dean, Academic Affairs

Iman Hakim, MD, PhD, MPH, Mel & Enid Zuckerman Endowed Chair in Public Health, Dean and Founding Director,  
University of Arizona Global Health Institute (GHI).  
Melanie Fleck, Coordinator, Public Health Undergraduate Programs

VII. REQUIRED SIGNATURES

Program Director/Main Proposer (print name and title):

Program Director/Main Proposer signature:

Date:

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Department Head (print name and title):

Department Head's signature:

Date:

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Associate/Assistant Dean (print name): John Ehiri, PhD

Associate/Assistant Dean's signature:

Date: 9/3/2021



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Dean (print name): Iman Hakim, PhD

Dean's signature: *Iman Hakim*

Date: 9/3/2021

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For use by Curricular Affairs (Undergraduate):

Committee	Approval date
APS	
Undergraduate Council	
Undergraduate College Academic Administrators Council	

**BUDGET PROJECTION FORM**
**Name of Proposed Program or Unit: Undergraduate Certificate in Global Health (Main and Online Campus) offered by the Mel & Enid Zuckerman College of Public Health**

Budget Contact Person: John Ehiri, PhD	Projected			
	1st Year 2021 - 2022	2nd Year 2022 - 2023	3rd Year 2023 - 2024	
<b>METRICS</b>				
Net increase in annual college enrollment UG	6	11	25	90/10: Online/Global Direct
Net increase in college SCH UG	72	132	300	12 units
Net increase in annual college enrollment Grad				
Net increase in college SCH Grad				
Number of enrollments being charged a Program Fee				
New Sponsored Activity (MTDC)				
Number of Faculty FTE		0.05	0.15	
<b>FUNDING SOURCES</b>				
<b><u>Continuing Sources</u></b>				
UG RCM Revenue (net of cost allocation)				on campus students most likely will take Global as a minor not certificate
Grad RCM Revenue (net of cost allocation)				
Program Fee RCM Revenue (net of cost allocation)				
F and A Revenues (net of cost allocations)				
UA Online Revenues	21,773	39,917	90,720	
Distance Learning Revenues	1,080	1,980	4,500	
Reallocation from existing College funds (attach description)				
Other Items (attach description)				
<b>Total Continuing</b>	<b>\$ 22,853</b>	<b>\$ 41,897</b>	<b>\$ 95,220</b>	
<b><u>One-time Sources</u></b>				
College fund balances				
Institutional Strategic Investment				
Gift Funding				
Other Items (attach description)				
<b>Total One-time</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>TOTAL SOURCES</b>	<b>\$ 22,853</b>	<b>\$ 41,897</b>	<b>\$ 95,220</b>	
<b>EXPENDITURE ITEMS</b>				
<b><u>Continuing Expenditures</u></b>				
Faculty		6,500	19,500	
Other Personnel				
Employee Related Expense		2,015	6,045	
Graduate Assistantships				
Other Graduate Aid				
Operations (materials, supplies, phones, etc.)				
Additional Space Cost				
Other Items (attach description)				
<b>Total Continuing</b>	<b>\$ -</b>	<b>\$ 8,515</b>	<b>\$ 25,545</b>	
<b><u>One-time Expenditures</u></b>				
Construction or Renovation				
Start-up Equipment				
Replace Equipment				
Library Resources				
Other Items (attach description)				
<b>Total One-time</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>TOTAL EXPENDITURES</b>	<b>\$ -</b>	<b>\$ 8,515</b>	<b>\$ 25,545</b>	
<b>Net Projected Fiscal Effect</b>	<b>\$ 22,853</b>	<b>\$ 33,382</b>	<b>\$ 69,675</b>	



## New Academic Program PEER COMPARISON

Select three peers (if possible/applicable) for completing the comparison chart from [ABOR-approved institutions](#), [AAU members](#), and/or other relevant institutions recognized in the field. The comparison programs are not required to have the same degree type and/or title as the proposed UA program. Information for the proposed UA program must be consistent throughout the proposal documents. Minors and Certificates may opt to include only 2 peer comparisons.

Program name, degree, and institution	Proposed UA Program: Undergraduate Certificate in Global Health	Peer 1: Undergraduate Certificate in Global Health–University of Wisconsin, Madison	Peer 2: Undergraduate Minor in Global Health –Ohio State University
Current number of students enrolled		530	135
Program Description	Developed and implemented by public health experts with extensive experience of global health research and practice, and underpinned by the United Nations’ Sustainable Development Goals as the guiding framework, the University of Arizona’s Undergraduate Certificate in Global Health will equip participants with foundational knowledge and skills that are necessary to engage effectively in global health practice -whether at home in a diverse setting, along the border in a bi-cultural environment, working side-by-side in indigenous homelands or	<p>From:</p> <p><a href="https://guide.wisc.edu/undergraduate/agricultural-life-sciences/nutritional-sciences/global-health-certificate/">https://guide.wisc.edu/undergraduate/agricultural-life-sciences/nutritional-sciences/global-health-certificate/</a></p> <p>The Undergraduate Certificate in Global Health is a 15-credit program open to all undergraduate students at the University of Wisconsin–Madison. The curriculum features a set of core courses, a diverse pool of elective options, and a credit-bearing field experience requirement.</p> <p>Global health is about improving health equitably for all people worldwide. It encompasses social justice, ethics, and planetary health. The “global” in global</p>	<p>From:</p> <p><a href="https://cph.osu.edu/prospective-students/global-public-health-minor">https://cph.osu.edu/prospective-students/global-public-health-minor</a></p> <p>Public health is an exciting field that concentrates on assuring and improving population health, and protecting against threats to health. Public health covers a broad range of disciplines and issues, including such topics as environmental pollution, access to health insurance, avian influenza, bioterrorism, and obesity. The minor can serve as a precursor to further study in public health, other health professions, or any fields in which the health of persons and populations is a</p>

	<p>abroad where populations and communities are displaced and under-resourced, and where health systems are severely constrained. Participants will be introduced to the world's vast diversity of determinants of health and disease. They will have an opportunity to critically appraise health systems in different parts of the world, and analyze current and emerging global health priorities, including infectious diseases, poverty, conflicts and emergencies, health inequity, principles and impact of health systems reforms, and major global initiatives for disease prevention and health promotion. Delivered entirely online, participants can complete the certificate in one academic year and will have the ability to transfer the associated 12 units to future undergraduate programs in public health at the university of Arizona.</p>	<p>health does not necessarily mean "international," but rather refers to the scope of the issues addressed, spanning geographic and socioeconomic boundaries. A key facet of global health is a focus on disease and illness prevention and addressing root causes of health challenges around the world. Through the certificate students will examine global health issues in Wisconsin, the U.S., and abroad, exploring the connections among human, animal, plant, and environmental health.</p> <p>Examples of global health issues include maternal and child health, inadequate water and sanitation systems, food insecurity, infectious diseases, racism in the medical system, and climate change, to name a few. Solutions to these problems require expertise from many disciplines, and the certificate welcomes not only pre-health students but all students who are passionate about improving the health of populations and addressing health inequities.</p>	<p>relevant concern. In addition, public health is of interest for its own sake, as a component of a rigorous liberal arts education.</p> <p>The minor in Global Public Health focuses on health issues affecting populations in the US and low-to middle economic status countries worldwide.</p> <p>Students complete courses that provide content relative to presenting and discussing the type and scope of public health issues, factors that contribute to existing and emerging issues, and applicable approaches to address and intervene. The program will augment and enhance many different undergraduate bachelor degree programs and expands learners' knowledge and comprehension of issues affecting humans domestically and internationally.</p>
Target Careers	<ul style="list-style-type: none"> <li>-Healthcare Administrator</li> <li>-Community Health Worker</li> <li>-Health Educator</li> <li>-Human Services Manager</li> <li>-Dietitian, Nutritionist</li> </ul>	<ul style="list-style-type: none"> <li>-Healthcare Administrator</li> <li>-Community Health Worker</li> <li>-Health Educator</li> <li>-Human Services Manager</li> <li>-Dietitian, Nutritionist</li> </ul>	<ul style="list-style-type: none"> <li>-Healthcare Administrator</li> <li>-Community Health Worker</li> <li>-Health Educator</li> <li>-Human Services Manager</li> <li>-Dietitian, Nutritionist</li> </ul>

Emphases? (Yes/No) List, if applicable	No	No	No
Minimum # of units required	12	15	15
Level of Math required (if applicable)	MATH 109C or equivalent	N/A	Introductory college-level statistics course
Level of Second Language required (if applicable)	N/A	N/A	N/A
Pre-Major? (Yes/No) If yes, provide requirements.	No	No	No
Special requirements to declare/gain admission? (i.e. pre-requisites, GPA, application, etc.)	Students must have completed a high school diploma (or equivalent), MATH109C or equivalent, and have a 2.0 GPA when they declare/admit to the certificate.	There are no prerequisites for declaring. Students can declare the program by scheduling an appointment with their assigned Global Health advisor, or by filling out the online declaration form on the program's website.	Students who wish to declare the minor are required to email <a href="mailto:cph@cph.osu.edu">cph@cph.osu.edu</a> with the subject line "Declare Global Public Health minor". An academic advisor in the College will then complete a minor program form and email it to the student and copy the student's academic advisor. The academic advisor can then declare the minor.
Internship, practicum, or applied/experiential requirements? If yes, describe.	none	Yes, students are required to complete 1-4 units of field experience as a central component of the certificate program. The experiences range in length from one week to an entire semester.	none

Additional questions:

1. How does the proposed program align with peer programs? Briefly summarize the similarities between the proposed program and peers, which could include curriculum, overall themes, faculty expertise, intended audience, etc.



The proposed undergraduate certificate in Global Health is similar to its peer programs in several ways. The overall theme of improving public health within a global context is present in all three programs, including the study of disease and illness prevention as well as the socio-economic and environmental conditions that lead to health inequities around the world. All three programs are condensed, focused study in the field of global health which can be completed by undergraduate students within one year.

2. How does the proposed program stand out or differ from peer programs? Briefly summarize the differences between the proposed program and peers, which could include curriculum, overall themes, faculty expertise, intended audience, etc.

The UA College of Public Health has a unique opportunity, post COVID-19 pandemic, to develop an undergraduate certificate in global health with a targeted focus on infectious disease outbreaks and public health emergency preparedness. The peer programs at University of Wisconsin, Madison and Ohio State University are much broader in scope, with a more generalized public health curriculum. In addition, the proposed certificate in Global Health requires 12 units and will be available fully online, as compared to 15 units, in-person, at our peer institutions.

3. How do these differences make this program more applicable to the target student population and/or a better fit for the University of Arizona?

The proposed undergraduate certificate in Global Health draws upon the strengths of MEZCOPH faculty's expertise in disease outbreaks, management of public health emergencies, public health preparedness and the planning and evaluation of global public health programs. Unlike our peer institutions, this program allows non-degree seeking students with a high-school diploma the opportunity for quality professional development in global health. Students who choose, may continue to pursue a bachelor's degree in public health at the University of Arizona and apply six units toward either a BA in Wellness and Health Promotion Practice or BS in Public Health. The certificate is offered fully online which will provide students the opportunity to advance their educational and career goals regardless of location or family/work commitments that may prevent them from pursuing in-person instruction.

## Global Health Certificate: UGC Approved

Requirements should include sufficient units to provide a substantive program and an appropriate rigor and in no case be less than 12 units of credit. Delete **EXAMPLE** column before submitting Certificate (below) does not apply, delete that table, as well.

Minimum total units required	12
Minimum upper division units	9
Total transfer units that may apply to the certificate	3
<i>Note: A minimum of six (6) units used to complete the certificate must be University credit.</i>	
Pre-admissions expectations (i.e., academic training to be completed prior to admission)	<ul style="list-style-type: none"> <li>High school diploma (or equivalent) - required.</li> <li>MATH109C or equivalent</li> <li>2.0 GPA</li> </ul>
Certificate requirements. List all certificate requirements including core and electives. Courses listed must include <b>course prefix, number, units, and title. Mark new coursework (New)</b> . Include any limits/restrictions needed. Provide email(s)/letter(s) of support from home department head(s) for courses not owned by your department.	<p><b>Core Courses (9 units)</b></p> <ul style="list-style-type: none"> <li>HPS 417: Health Systems in Global Health (3 units)</li> <li>HPS 302: Introduction to Program Evaluation in Global Health (3 units)</li> <li>PHP 308: Community Health Education for Disease Outbreaks (3 units)</li> </ul> <p><b>Electives (3 Units)</b></p> <p>EHS 195: One Health in Action (3 units)</p> <p>HPS 433: Global Health (3 units)</p> <p>HPS 409: Global Water, Sanitation and Hygiene (WaSH) (3 units)</p>

## Global Health Certificate: U-CAAC Approved changes highlighted in blue

Requirements should include sufficient units to provide a substantive program and an appropriate rigor and in no case be less than 12 units of credit. Delete **EXAMPLE** column before submitting Certificate (below) does not apply, delete that table, as well.

Minimum total units required	12
Minimum upper division units	9
Total transfer units that may apply to the certificate	3
<i>Note: A minimum of six (6) units used to complete the certificate must be University credit.</i>	
Pre-admissions expectations (i.e., academic training to be completed prior to admission)	<ul style="list-style-type: none"> <li>Certificate applicants must meet UA Undergraduate Admission requirements</li> </ul>
Certificate requirements. List all certificate requirements including core and electives. Courses listed must include <b>course prefix, number, units, and title. Mark new coursework (New)</b> . Include any limits/restrictions needed. Provide email(s)/letter(s) of support from home department head(s) for courses not owned by your department.	<p><b>Core Courses (9 units)</b></p> <ul style="list-style-type: none"> <li>EHS 100: One Health in Action (3 units)</li> <li>HPS 302: Introduction to Program Evaluation in Global Health (3 units)</li> <li>PHP 308: Community Health Education for Disease Outbreaks (3 units)</li> </ul> <p><b>Electives (3 Units)</b></p> <p>HPS 417: Health Systems in Global Health (3 units)</p> <p>HPS 433: Global Health (3 units)</p> <p>HPS 409: Global Water, Sanitation and Hygiene (WaSH) (3 units)</p>

Please note that during the course approval process EHS 195 was changed to EHS 100 (One Health in Action), which is how it now appears in the course catalog.