

ACADEMIC CURRICULUM GUIDE

2026–2027



THE UNIVERSITY OF ARIZONA

Mel & Enid Zuckerman
College of Public Health



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At the University of Arizona Mel and Enid Zuckerman College of Public Health, we strive for Organizational Excellence and Opportunity.

“At the center of organizational excellence and opportunity is the recognition and acceptance of the talents, worldviews, perceptions, cultures, and skills that each individual or community brings to the education enterprise that can be harnessed to prepare students for leading, living, and making positive impacts locally, nationally, and globally. Irrespective of differences in backgrounds, experiences, or opinions, every individual, group, or community contributes positively to all dimensions of the university, and is a critical component of and contributor to organizational excellence and opportunity. Harnessing and celebrating our differences at the University of Arizona is central to our pursuit of organizational excellence and opportunity.”

– [UA Office of Diversity & Inclusion](#)

Our Mission: The Mel and Enid Zuckerman College of Public Health is dedicated to promoting the health and wellness of individuals and communities in the southwest and globally with an emphasis on achieving health equity through excellence in education, research, and service.

Our Values: The Mel & Enid Zuckerman College of Public Health acts with respect and integrity to continuously advance health and well-being for all through knowledge, collaboration, empowerment, advocacy and sustainability. Our core values are: Fairness, Trust, Access, Engagement, Excellence, Innovation, Commitment, Collegiality, Open Communication, Participation, Consensus, and Enhancement.

We strive to foster an educational community that values innovation and excellence in teaching, creation and dissemination of knowledge, practice-based research and research-based practice to address the health needs and interests of individuals and communities.

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What is Public Health?

The broad mission of public health was defined by the Council on Education for Public Health in 1978 as “enhancing health in human populations through organized community effort.” Public health practitioners are concerned with the determinants of disease, disability and premature death, and the planning and organization of appropriate health services, including health education and policy. The aim of public health is to apply scientific, behavioral, social, and technical knowledge to prevent disease and disability, and to promote health by means of organized community effort. Programs of public health train students in these and other disciplines and help them to practice the coordination of the various fields in the interest of community health.

The Bachelor of Science in Public Health and the Bachelor of Arts in Wellness and Health Promotion Practice are designed to prepare students to improve the quality of life of individuals and communities with a focus on wellness and prevention of disease. The Master and Doctor of Public Health are professional degrees designed to prepare graduates to solve public health problems as practitioners who can apply a breadth of knowledge as well as expertise and experience in one specific area of public health. Academic programs include Master of Science and Doctor of Philosophy degrees that advance the field of public health with research in various disciplines. The academic programs in MEZCOPH focus on Biostatistics, Epidemiology, Health Behaviors, Health Administration and Policy, and Environmental Health Sciences. This curriculum guide presents course requirements for the Bachelor, Master’s and Doctoral programs in the Mel and Enid Zuckerman College of Public Health (MEZCOPH).

Current students should use this curriculum guide in conjunction with the academic advisors and faculty mentors to design their personal plans of studies. Students interested in attending MEZCOPH will be able to gain knowledge about what their academic experience will include while being a student at MEZCOPH. Completion of each of these programs allows students to take positive steps forward toward increasing their knowledge about public health and to acquire the skills needed to solve public health problems in one or more specific area of public health.



Bachelor of Science with a Major in Public Health

The Bachelor of Science with a major in Public Health is a College-wide degree and, as such, undergraduate teaching faculty come from all MEZCOPH departments.

The Bachelor of Science with a major in Public Health is designed to promote an understanding of health and disease based on public health principles. The primary goal of the program is to prepare students to work in public health to improve the quality of life of individuals and communities. The curriculum provides general knowledge regarding public health principles and practice augmented by concentrated study (emphasis) in Artificial Intelligence Innovation in Population Health, Environmental and Occupational Health, Global Health, Health Promotion, Health Systems Theory and Practice, One Health, Public Health Practice, and Quantitative Methods in Public Health. Field work provides students with an experience that incorporates classroom learning into public health practice and prepares them for future employment. This program is available in-person on the Tucson campus or in a fully-online format. The Bachelor of Science (BS) with a major in Public Health addresses general curriculum and foundational domains, competencies, cumulative and experiential activities, and cross-cutting concepts which can be found on the [program website](#).

The core competencies of the major provide the knowledge and skills needed to conduct public health practice in diverse populations.

Particular emphasis is placed on understanding health care delivery in the US and abroad, incorporating epidemiologic and statistical methodologies into public health practice, providing culturally appropriate and effective interventions, identifying health disparities, planning and evaluating health interventions, and understanding the link between nutrition and health.

All students enter the program as declared Public Health majors. During second semester sophomore year or later, students will meet with their academic advisor to declare an emphasis within the major. This is required in order to complete the experiential learning portion of the degree and graduate.

BS – Major in Public Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED FOUNDATION COURSES - (6 units; grade of C or higher required)

HPS 178	Personal Health and Wellness
HPS 200	Introduction to Public Health

REQUIRED CORE COURSES - (36 units; grade of C or higher required)

ENGL 307	Business Writing (3) OR ENGL 308 Technical Writing (3) OR HPS 307 Public Health Narratives (3)
EPID 309	Introduction to Epidemiology (3)
PHPM 310	Health Care in the US (3)
HPS 350	Principles of Health Education and Health Promotion (3)
EHS 375	Introduction to Environmental & Occupational Health (3)
BIOS 376	Introduction to Biostatistics (3)
HPS 387	Health Disparities and Minority Health (3)
HPS 405	Biology in Public Health (3)
HPS 433	Global Health (3)
HPS 478	Public Health Nutrition (3)
HPS 493A	Field Work in Public Health (6)

EMPHASIS UNITS - (minimum 12 units required; **Select one emphasis**)

Artificial Intelligence Innovation in Population Health Emphasis

Examples of course options:

GHI 463	Foundations of Public Health Applications of Artificial Intelligence
PHP 465	Leadership and Strategy for population Health Using Generative AI
HSD 415	Design Visualization Practices for Health

Environmental and Occupational Health Emphasis

publichealth.arizona.edu/programs/undergraduate/bs/environmental-occupational-health

Examples of course options

HPS 409	Global Water, Sanitation, and Hygiene (3)
EHS 420	Environmentally Acquired Illnesses (3)
EHS 422	Introduction to Occupational Safety (3)

Global Health Emphasis

publichealth.arizona.edu/programs/undergraduate/bs/global-health

Examples of course options:

- HPS/GHI 302 Introduction to Program Evaluation in Global Health (3)
- HPS 404 Fundamentals of Evaluation (3)
- EPID 479 Infections and Epidemics (3)

Health Promotion Emphasis

publichealth.arizona.edu/programs/undergraduate/bs/health-promotion

Examples of course options:

- PHP 308 Community Health Education for Disease Outbreaks (3)
- HPS 403 Applications in Health Promotion Behavioral Theories & Health (3)
- HPS 408 Disabilities in Public Health (3)

Health Systems Theory and Practice Emphasis

publichealth.arizona.edu/programs/undergraduate/bs/health-systems-theory-practice

Examples of course options:

- PHP 305 Population Health in the Digital Age (3)
- PHPM 407 Health Economics and Policy (3)
- PHPM 458 Health Care Marketing (3)

One Health Emphasis

publichealth.arizona.edu/programs/undergraduate/bs/one-health

Examples of course options:

- EPID/EHS 445 One Health Foundations (3)
- EHS 446 One Health Approach and Case Studies (3)
- EHS 420 Environmentally Acquired Illness (3)

Quantitative Methods in Public Health Emphasis

publichealth.arizona.edu/programs/undergraduate/bs/quantitative-methods

Examples of course options:

- HPS 401 Introduction to Mapping for Public Health (3)
- EPID 430 Infection Prevention in Healthcare and Congregate Settings (3)
- EPID/BIOS 450 Health Data Acquisition, Assessment, and Integration (3)

PUBLIC HEALTH ELECTIVE UNITS - *(minimum 9 units)*

publichealth.arizona.edu/programs/undergraduate/bs/curriculum

Bachelor of Science with a major in Public Health Curriculum: 57 units

Total Minimum Requirement: 120 units

Bachelor of Arts in Wellness and Health Promotion Practice

In alignment with the mission of the Mel and Enid Zuckerman College of Public Health, the Bachelor of Arts in Wellness and Health Promotion Practice will promote the health and wellness of communities across the southwest and globally.

The major in Wellness and Health Promotion Practice offers students the opportunity to develop the knowledge, ethics, and skills to provide professional services and interventions. As such, students learn to work with diverse populations at different ages and stages of life in order to promote a healthy lifestyle and overall wellness. For the purposes of this degree, wellness means a state of being in optimal health. Students learn to promote optimal wellness within themselves, among individuals, families and communities. Their practicum and internships are in a variety of settings such as homes, communities, governmental organizations, businesses, health care centers, hospitals, schools, faith-based organizations and other non-governmental organizations.

Students learn to conduct health needs and resource assessments, to plan health promotion services and interventions using appropriate evidence-based theories and models for behavior change, to implement and manage services and interventions, and to evaluate health promotion and wellness services and programming. Students learn skills and resources to support the care for their personal health and wellness. They become practitioners themselves prior to teaching, training and consulting others in health promotion and wellness.

In addition to course work, students complete a practicum and internship enabling the students to apply their knowledge and skills. Such experiences will enhance their competencies in service delivery, communication, advocacy for health promotion and optimal wellness as ethical professionals, leaders and managers. These skills prepare students to be work ready upon graduation.

Potential directions for students graduating with a BA in Wellness and Health Promotion Practice may be employment, certification, or graduate studies. Graduates can apply for certification as a certified health education specialist (CHES) through the National Commission for Health Education Credentialing www.nchec.org/ches. Potential graduate programs include, but are not limited to, public health, nursing, nutrition, and medicine.

BA – Major in Wellness and Health Promotion Practice Curriculum

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED SUPPORTING COURSEWORK - (6 units)

Statistics - (select 3 units)

BIOS 216 Understanding Our Health Through Data (3)

OR

BIOS 376 Introduction to Biostatistics (3)

Communication Skills - (select 3 units)

COMM 101 Introduction to the Study of Communication (3)

COMM 114 Introduction to Interpersonal Communication (3)

COMM 117 Culture and Communication (3)

COMM 119 Public Speaking (3)

COMM 201 Introduction to Public Relations (3)

COMM 209 Introduction to Communication Technology (3)

COMM 314 Creative Professional Communication (3)

GHI 414 Intercultural Communication for Health Sciences (3)

MAJOR CORE COURSES - (24 units)

HPS 178 Personal Health and Wellness (3)

HPS 200 Introduction to Public Health (3)

PHP 210 Later Life Health and Wellbeing Across Populations (3)

PHP 322 Health Education and Ethical Leadership (3)

HPS 404 Fundamentals of Evaluation (3)

HPS 403 Applications in Health Promotion: Behavioral Theories & Health (3)

HPS 405 Biology in Public Health (3)

EHS 425 A Public Health Lens to Climate Change (3)

APPLIED PRACTICE REQUIREMENTS - (9 units)

Practicum - (select 6 units)

This practicum reflects faculty supervised group or individual field-based experiential learning.

HPS 394 Practicum (3)

HPS 497E Public Health for Community Wellness (2)

Field Work - (3 units)

The required field work reflects preceptor-led (preceptor can be a primary HPS faculty member, community organization, healthcare or behavioral health setting, government organization, business, etc.), faculty-assessed, experiential learning experiences.

HPS 493 Field Work in Public Health (3)

ELECTIVE SUBPLANS - (minimum 15 units required; Select one emphasis)

Aging and Population Health Emphasis

publichealth.arizona.edu/programs/undergraduate/ba/aging-and-population-health

Example of course options:

PHP 305 Public Health in the Digital Age (3)
PHP 436 Aging, Environment and Wellbeing (3)
PHP 437 Management and Leadership in Long-term Care (3)

Health Education Emphasis

publichealth.arizona.edu/programs/undergraduate/ba/health-education

Example of course options:

HPS 350 Principles of Health Education and Promotion (3)
PHP 308 Community Health Education for Disease Outbreaks (3)
HPS 412 Public Health Approach to Mental Health Disorders (3)

Health and Wellness Emphasis

publichealth.arizona.edu/programs/undergraduate/ba/health-and-wellness

Example of course options:

GHI 325 Dietary Assessment in Public Health Practice (3)
HPS 416 The World's Food and Health (3)
EHS 428 Indigenous Research and Ethics (3)

Bachelor of Arts in Wellness and Health Promotion Practice Curriculum: 54 units

Total Minimum Requirement: 120 units

Undergraduate Minor Programs

The Mel and Enid Zuckerman College of Public Health offers eight undergraduate minors designed to enhance knowledge in a specific field and increase skills valuable to future employers. Each minor consists of 18 units, 6 of which may also be applied toward an undergraduate major. Students should consult with a Public Health advisor to determine how they can coordinate their class schedules to meet both major and minor degree requirements.

- The [Addiction and Substance Use](#) minor will provide an overview of the psychological, physiological, chemical, and social elements of substance use, and equip students to provide effective, evidence-based interventions.
- The [Aging and Population Health](#) minor is designed to prepare students to tackle the complex health challenges presented by an aging population.
- The [Climate Change and Public Health](#) minor will provide students with an understanding of the implications of climate change on population health.
- The [Environmental and Occupational Health](#) minor will prepare students to manage programs that protect communities and workers from health risks such as contaminants, hazardous living conditions, or toxic working conditions.
- The [Global Health](#) minor is designed to give students an understanding of the interconnected and international health challenges the world faces today.
- The [One Health](#) minor will guide students to understand how human health is deeply intertwined with the health of animals and the environment, including how disease spreads between animals and humans (zoonotic disease).
- The [Population Health and Data Science](#) minor will introduce students to the fundamentals of data science in the health sciences, and provide them with the skills to manage, analyze, and interpret big data.
- The [Public Health](#) minor will prepare students to work with community organizations, health and wellness programs, and government agencies and non-profits to help people and communities lead healthier, happier lives.
- The [Wellness and Health Promotion Practice](#) minor will enhance students' ability to work in a range of health related careers, from healthcare providers to community health agencies, and to implement programs that use mindfulness, nutrition, and exercise to meet the needs of diverse populations.

Undergraduate Minor in Addiction and Substance Use Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 18 units are required for the undergraduate minor in Addiction and Substance Use.

DESCRIPTION:

The Substance Use minor provides a comprehensive and interdisciplinary overview of licit and illicit substances, substance use patterns, risks of use, types of substance use treatment, and disparities in access to treatment. It follows a bio-psycho-social framework that emphasizes the intersection of environmental, social, psychological, physiological, and pharmacological factors that contribute to substance use and substance use disorder. The three required public health courses establish this conceptual foundation, and the elective courses allow students to explore the economic, social, health implications as taught from different disciplinary perspectives. These include predictors of use as well as prevention and treatment programs and policies.

NOTE: *Students may apply 6 units toward a BS in Public Health or a BA in Wellness and Health Promotion Practice.*

REQUIRED - (9 units)

PHPM 225	Introduction to Addiction and Substance Use (3)
HPS 306	Drugs and Society (3)
PHPM 448	Addiction and Substance Use Policy (3)

ELECTIVES - *select 9 units from courses listed here:*

publichealth.arizona.edu/programs/minors/undergraduate/addiction-and-substance-use

Undergraduate Minor in Aging and Population Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 18 units are required for the undergraduate minor in Aging and Population Health.

DESCRIPTION:

The Aging and Population Health Curriculum is designed to prepare students to tackle the complex challenges and manage the opportunities that arise in addressing the health and wellbeing needs endemic to an aging population through a population health perspective and using a multi-disciplinary approach. Multi-disciplinarity is central to this curriculum because of the multifactorial nature of contributors (health, social, economic, etc.), to health and well-being in later life.

The minor in Aging and Population Health aims to provide students with the foundational knowledge necessary to conceptualize, understand and address the health and wellbeing needs of an aging population in a diverse and broad range of health-related and social professional settings, aging and long-term care industry, as well as prepare students for further or advanced studies. Students will take core and elective courses taught by a multi-disciplinary team of faculty with expertise in aging studies/gerontology, healthcare, public health, psychology and sociology.

NOTE: *BA in Wellness and HP Practice majors cannot also be in the Aging and Population Health minor*

REQUIRED - (15 units)

PHP 210	Later Life Health and Wellbeing Across Populations (3)
PHP 301	Introduction to Gerontology (3)
PHP 312	Health Promotion and Well-being in Later Life (3)
PHP 436	Aging, Environment and Wellbeing (3)
PHP 437B	Management and Leadership in Long-term Care (3)

ELECTIVES - *select 3 units from courses listed here:*

publichealth.arizona.edu/programs/minors/undergraduate/aging-and-population-health

Undergraduate Minor in Climate Change and Public Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 18 units are required for the undergraduate minor in Climate Change and Public Health.

At the declaration of this minor, a minimum cumulative GPA of 2.0 is required.

DESCRIPTION:

Climate change is a global emergency that threatens health, social, and economic development of all peoples of the world. Climate change is the single biggest health threat facing humanity, and health professionals worldwide are already responding to the health harms caused by this unfolding crisis. As with other causes of poor health, climate change disproportionately effects the health of low-income communities and minority populations and contributes to the widening of health and socioeconomic inequities. Given heightened political and economic pressures for action on climate change, there is a growing demand for health professional trained in climate change as well as climate researchers trained in public health.

NOTE: Students may apply 6 units toward a BS in Public Health or a BA in Wellness and Health Promotion Practice.

REQUIRED - Climate Basics (6 units)

Choose from the following:

- | | |
|---------|---|
| EVS 263 | Climate Change: Human Causes, Social Consequences and Sustainable Responses (3) |
| CPH 402 | Climate Change and Health (3) |
| EHS 425 | A Public Health Lens to Climate Change (3) |

ELECTIVES - Select from the following area requirements listed here:

publichealth.arizona.edu/programs/minors/undergraduate/climate-change-and-public-health

Climate Influences on Disease Processes (6 units)

Climate Influences on Health Systems and Health Equity (3 units)

Public Health Response to Climate Change (3 units)

Undergraduate Minor in Environmental and Occupational Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 18 units are required for the undergraduate minor in Environmental and Occupational Health.

At the declaration of this minor, a minimum cumulative GPA of 2.0 is required.

DESCRIPTION:

Environmental health is a multidisciplinary field focusing on understanding the effect of the environment and occupational exposure on human health. Environmental Health professionals are trained to diagnose, intervene and prevent public health threats such as air and water pollution, food safety, workers safety, waste managements and many others, as well as emerging public health threats, including new foodborne, waterborne or airborne illnesses and exposures. A minor in EOH will prepare students for job opportunities in industrial settings, with local, tribal, state, national and international health departments/agencies. Others may work with non-governmental organizations, or relief agencies to address environmental and occupational determinants of health and promote population health.

NOTE: *Students may apply 6 units toward a BS in Public Health or a BA in Wellness and Health Promotion Practice.*

REQUIRED - (15 units)

EPID 309	Introduction to Epidemiology (3)
EHS 375	Introduction to Environmental and Occupational Health (3)
EHS 418	Introduction to Human Health Risk Assessment (3)
EHS 425	Public Health Lens to Climate Change (3) -OR- EHS 484 Fundamentals of Industrial and Environmental Health (3)
EHS 439A	Outbreaks and Environmental Microbiology (3)

ELECTIVES - *select 3 units from the courses listed here:*

publichealth.arizona.edu/programs/minors/undergraduate/environmental-and-occupational-health

Undergraduate Minor in Global Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 18 units are required for the undergraduate minor in Global Health.

At the declaration of this minor, a minimum cumulative GPA of 2.0 is required.

DESCRIPTION:

Global health is an area for study, research, and practice that places priority on improving health and achieving health equity for all people worldwide. Given the increased awareness of the need for shared solutions to shared problems of humanity, opportunities in global health work abound. A Global Health minor will equip individuals who desire to work in this field with knowledge and skills to identify and delineate critical health and human development issues. Careers in global health present the opportunity to work with people from different backgrounds and to help those in need around the world.

NOTE: *Students may apply 6 units toward a BS in Public Health or a BA in Wellness and Health Promotion Practice.*

REQUIRED - (15 units)

HPS 302	Introduction to Program Evaluation in Global Health (3)
HPS 433	Global Health (3)
HPS 409	Global Water, Sanitation and Hygiene (3)
HPS 459	Management of Global Public Health Emergencies (3)
HPS 417	Health Systems in Global Health (3)

ELECTIVES - *select 3 units from the courses listed here:*

publichealth.arizona.edu/programs/minors/undergraduate/global-health

Undergraduate Minor in One Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 18 units are required for the undergraduate minor in One Health.

At the declaration of this minor, a minimum cumulative GPA of 2.5 is required.

DESCRIPTION:

The One Health curriculum is designed to prepare students to tackle complex challenges in addressing zoonotic diseases. The minor in One Health aims to prepare students to have the foundational knowledge in One Health that can be applied in different settings for disease prevention while preparing others to pursue an advanced degree.

Students will take courses in different disciplines within the College and some electives outside the College. The College of Public Health has faculty expertise in different One Health relevant areas including Environmental Health Sciences, Epidemiology, Biostatistics, Global Health, Health Behavior and Health Promotion to name a few. All these disciplines are reflected in the proposed curriculum.

NOTE: Students may apply 6 units towards a BS in Public Health or a BA in Wellness and Health Promotion Practice

REQUIRED - (15 units)

EHS 100	One Health in Action (3)
EPID 309	Introduction to Epidemiology (3)
EPID/EHS 445	One Health Foundations (3)
EHS 446	One Health Approach and Case Studies (3)
EHS 425	Public Health Lens to Climate Change (3)

ELECTIVES - select 3 units from the courses listed here:

publichealth.arizona.edu/programs/minors/undergraduate/one-health

Undergraduate Minor in Population Health Data Science Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 18 units are required for the undergraduate minor in Population Health Data Science.

Admission to the minor requires a minimum cumulative 2.5 GPA. Course prerequisites to the program include: College Algebra (e.g. MATH 112) or higher-level MATH course.

DESCRIPTION:

The vision of the minor, Population Health Data Science, is to introduce students to the fundamentals of data science in the health sciences. Data science is emerging as a leading area for job growth over the next decade in the health sector. Expansion of health data sources, including electronic medical records and non-traditional health surveillance data necessitate the training of individuals who have an understanding both of the underlying dynamics of health and medicine and also skills in how to manage, analyze, interpret big data, and collaborate with higher level data scientists. We envision providing students with an introduction to the basics of how to apply data science to population health questions. The minor will be administered to be accessible both to individuals coming from the health fields including nursing, pharmacy, and medicine to learn about data science and for those coming from data science, math, computer science, neuroscience, and other disciplines to learn to about how to address issues in public health using appropriate data science tools.

NOTE: Students may apply 6 units towards a BS in Public Health or a BA in Wellness and Health Promotion Practice

REQUIRED - (18 units)

- EPID 309 Introduction to Epidemiology (3)
- BIOS 376 Introduction to Biostatistics (3)
- EPID/BIOS 450 Health Data Acquisition, Assessment, and Integration (3)
- BIOS/EPID 451 Health Data Management and Visualization (3)
- BIOS/EPID 452 Health Data Analysis and Communication Methods (3)
- EPID/BIOS 453 Health Data Science Practice (3)

Undergraduate Minor in Public Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 18 units are required for the undergraduate minor in Public Health.

Admission to the minor requires a minimum 2.0 GPA, and the student's minor GPA must be at least a 2.0 at the time of graduation. Please note that the Public Health minor cannot be added during priority registration. In addition, admission into the minor does not guarantee entry into College of Public Health courses.

REQUIRED - (9 units)

HPS 178	Personal Health and Wellness (3)
HPS 200	Introduction to Public Health (3)
EPID 309	Introduction to Epidemiology (3)

ELECTIVES - *select 9 units from the courses listed here:*

publichealth.arizona.edu/programs/minors/undergraduate/public-health-minor

NOTES

* Some elective courses may have additional prerequisites.

** Contact your minor advisor for enrollment.

+ CPH independent study courses can be taken from any program within the College of Public Health with course prefixes of BIOS, EHS, EPID, HPS, PHPM or PHP.

Undergraduate Minor in Wellness & Health Promotion Practice Curriculum

Effective for those following the 2025/2026 academic curriculum guide

A minimum of 18 units are required for the undergraduate minor in Wellness & Health Promotion Practice.

At the declaration of this minor, a minimum cumulative GPA of 2.5 is required.

DESCRIPTION:

Required courses emphasize personal health and wellness as a foundation for life and future employment. Students learn to evaluate health promotion and wellness services and programming to assess whether programs are improving health. The minor offers a wide assortment of electives allowing students to customize courses to fit with their areas of interest. Several courses are available to develop skills in aging, mindfulness, and health education.

NOTE: *Students may apply 6 units toward a BS in Public Health.*

REQUIRED - (6 units)

HPS 178 Personal Health and Wellness (3)

HPS 404 Fundamentals of Evaluation (3)

ELECTIVES - select 12 units from the courses listed here:

publichealth.arizona.edu/programs/minors/undergraduate/wellness-and-health-promotion-practice

Undergraduate Certificate Programs

The University of Arizona Mel and Enid Zuckerman College of Public Health is committed to serving the public health educational needs of working professionals in the State of Arizona and beyond. We offer four undergraduate certificate programs designed for working professionals and/or those exploring the field of public health. Our undergraduate certificates provide skill enhancement for both domestic and international participants who have limited time to pursue a campus-based full degree program.

- The [Addiction and Substance Use](#) certificate will provide an overview of the psychological, physiological, chemical, and social elements of substance use, and equip students to provide effective, evidence-based interventions.
- The [Global Health](#) certificate is 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 certificate in Global Health will equip participants with foundational knowledge and skills that are necessary to engage effectively in global health practice.
- The [One Health](#) certificate will provide the current and future public health workforce professional additional knowledge and skills regarding the protection of the public's health by being able to create better surveillance on the interaction between human health, animal health and the environment.
- The [Public Health Emergency and Epidemic Preparedness](#) certificate will provide participants with foundational knowledge and skills needed to support public health response to emergencies, epidemics, and pandemics. Individuals who successfully complete this certificate will also earn three FEMA certificates and a certificate in contact tracing.
- The [Safety](#) certificate focuses on occupational health and will provide educational training in safety topics relevant to a student's chosen career field. Individuals with specialized skills and education in safety matters related to higher-risk workplaces perform critical functions and promote positive safety culture in the organization.

Undergraduate Certificate in Addiction and Substance Use Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 12 units are required for the undergraduate certificate in Addiction and Substance Use.

DESCRIPTION:

The Addiction and Substance Use certificate provides a comprehensive overview of licit and illicit substances, substance use patterns, risks of use, types of substance use treatment, and disparities in access to treatment. It follows a bio-psycho-social framework that emphasizes the intersection of environmental, social, psychological, physiological, and pharmacological factors that contribute to substance use and substance use disorder. The three required public health courses establish this conceptual foundation, and the elective courses allow students to explore economic, social, and health implications. These include predictors of use as well as the prevention and treatment programs and policies. Delivered entirely online, participants can complete the certificate in one academic year.

NOTE: *Students may apply 6 units toward an undergraduate bachelor's degree.*

REQUIRED - (9 units)

PHPM 225	Introduction to Addiction and Substance Use (3)
HPS 306	Drugs and Society (3)
PHPM 448	Addiction and Substance Use Policy (3)

ELECTIVES - *select 3 units from courses listed here:*

publichealth.arizona.edu/programs/certificates/undergraduate/addiction-substance-use-certificate

Undergraduate Certificate in Global Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 12 units are required for the undergraduate certificate in Global Health.

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 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 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 array 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.

NOTE: *Students may apply 6 units toward an undergraduate bachelor's degree.*

REQUIRED - (9 units)

EHS 100	One Health in Action (3)
HPS 302	Introduction to Program Evaluation in Global Health (3)
PHP 308	Community Health Education for Disease Outbreaks (3)

ELECTIVES - *select 3 units from courses listed here:*

publichealth.arizona.edu/programs/certificates/undergraduate/global-health

Undergraduate Certificate in One Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 12 units are required for the undergraduate certificate in One Health.

At the declaration of this certificate, students must have completed MATH 109C – College Algebra or higher and have a minimum cumulative GPA of 2.0.

DESCRIPTION:

The Undergraduate Certificate in One Health will provide the current and future public health workforce professional additional knowledge and skills regarding the protection of the public's health by being able to create better surveillance on the interaction between human health, animal health and the environment. Students will be able to complete the 12 unit program in one year. The Public Health workforce will upgrade their knowledge and skills regarding the importance of epidemiology, the environment, outbreaks and disease prevention and surveillance as in relation to protecting the Public's Health.

NOTE: *Students may apply 6 units toward an undergraduate bachelor's degree.*

REQUIRED - (6 units)

EPID 445	One Health Foundations
EHS 446	One Health Approach and Case Studies

ELECTIVES - *select 3 units from courses listed here:*

publichealth.arizona.edu/programs/certificates/undergraduate/one-health

Undergraduate Certificate in Public Health Emergency & Epidemic Preparedness Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 12 units are required for the undergraduate certificate in Public Health Emergency and Epidemic Preparedness.

Course prerequisites to the program include: College Algebra (e.g. MATH 112) or higher-level MATH course.

DESCRIPTION:

The undergraduate certificate in Public Health Emergency and Epidemic Preparedness will provide participants with foundational knowledge and skills needed to support public health response to emergencies, epidemics, and pandemics. Participants in this 12-unit certificate program will gain an understanding of emergency management systems; they will be introduced to various forms of disasters and public health threats, as well as to essential public health response skills. Participants will be trained on how to use epidemiological tools to conduct rapid assessment and public health investigation of emergencies/disease outbreaks. Individuals who successfully complete this certificate will also earn three FEMA certificates and a certificate in contact tracing. Delivered fully online, this certificate program can be completed in one year.

NOTE: *Students may apply 6 units toward an undergraduate bachelor's degree.*

REQUIRED - (9 units)

EHS 110	Foundations of Disaster Management and Response (3)
EHS 320	Disaster Management and Response (3)
EPID 309	Introduction to Epidemiology (3)

ELECTIVES – *select 3 units from the courses listed here:*

publichealth.arizona.edu/programs/certificates/undergraduate/public-health-emergency-and-epidemic-preparedness

Undergraduate Certificate in Safety Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 13 units are required for the undergraduate certificate in Safety.

Course prerequisites to the program include: 2.0 GPA, College Algebra (e.g. MATH 112) or higher-level MATH course, and one semester Chemistry with lab (e.g. CHEM 141/145, CHEM 151, CHEM 130/130L).

DESCRIPTION:

The Undergraduate Safety Certificate will focus on occupational health and provide educational training in safety topics relevant to a student's chosen career field. Safety is of paramount importance in every workplace. Certain occupations involve risks and hazards beyond the usual everyday experience. Many industries employ safety officers to ensure that essential safety responsibilities of the organization are fulfilled.

Individuals with specialized skills and education in safety matters related to these higher- risk workplaces perform critical functions such as developing and enforcing safety rules and protocols, training and educating employees to safely perform their jobs, ensuring compliance with pertinent laws and regulations, performing risk assessment, and promoting positive safety culture in the organization.

NOTE: *Students may apply 6 units toward an undergraduate bachelor's degree.*

REQUIRED - (7 units)

EHS 375	Introduction to Environmental and Occupational Health (3)
EHS 422	Safety Fundamentals (3)
CHEM 405A	Basic Laboratory Safety (1)

ELECTIVES – *select 6 units from the courses listed here:*

publichealth.arizona.edu/programs/certificates/undergraduate/safety

Accelerated BS & MPH in Environmental & Occupational Health

Yevheniia Varyvoda, PhD - Program Director

The Environmental Health Sciences Program has developed an accelerated five-year Bachelor of Science to Master of Public Health Degree option for academically qualified students, [EOH AMP](#).

Students develop broad foundational knowledge in public health through the bachelor's program, then obtain specialized expertise in environmental and **occupational health**, [\(EOH\) in the Master of Public Health](#). The combined degree allows students to strategically select electives that prepare them for advanced coursework and provide broader exposure to EOH in five years, rather than the six years typically required to complete the degrees independently.

Environmental and occupational health specialists focus on the exposure of individuals to physical, biological, and chemical hazards in the environment or workplace and the resulting health impacts. Students may choose to specialize in either industrial hygiene or a broader environmental and occupational health track. The accelerated program covers equivalent content and competencies as the two degrees when completed independently. Students may replace introductory-level courses in the bachelor's program with advanced master's level coursework.

Students will Declare an Emphasis after completing specific course requirements and a minimum of 45 units towards the undergraduate degree. Students apply to the combined, accelerated MPH program after completing 75 credit hours of undergraduate work, including at least one semester of each of the following: general/inorganic chemistry, physics (IH track), and college algebra or calculus (preferred).

Students must maintain a GPA of 3.3 or higher over the first two years of undergraduate study. Students are formally admitted upon completing 90 undergraduate credit hours and begin the MPH curriculum in their senior year.

**Accelerated BS/MPH – Environmental & Occupational Health
Industrial Hygiene or Environmental & Occupational Health Concentration
Curriculum & Recommended Course Sequencing**

Effective for those following the 2026/2027 academic curriculum guide

Incoming AP Courses Accepted – Composition, Calculus, Language, Biology, Chemistry, Physics			
FIRST YEAR			
Fall Semester - (17 undergraduate units)		Spring Semester - (17 undergraduate units)	
ENGL 101	First semester composition (3)	ENGL 102	Second semester composition (3)
MATH 112 (or higher)	College Algebra (3)	CHEM 152	Chemistry II (4)
CHEM 151	Chemistry I (4) (EP- Natural Scientist)	Exploring Perspectives: Artist	
NSC 170C1	Nutrition, Food, and You (3)	Exploring Perspectives: Humanist	
HPS 178	Personal Health and Wellness (3) (EP- Social Scientist)	Second language- First semester	
UNIV 101	Introduction to the General Education Experience (1)		
Summer Session following First Year			
<i>Summer courses may be required for shortened graduation timeline</i>			
SECOND YEAR			
Fall Semester - (16 undergraduate units)		Spring Semester - (17 undergraduate units)	
HPS 200	Introduction to Public Health (3)	MCB 181L & R	General Biology (3)
Public Health Elective 1 of 3 (300 or 400 level) (3)		EHS 375	Introduction to Environmental & Occupational Health (3)
Building Connections (3)		HPS 350	Principles of Health Education (3)
Building Connections (3)		EPID 309	Introduction to Epidemiology (3)
Second language- Second semester		UNIV 301	General Education Portfolio (1)
		Building Connections (3)	
General Electives (check with Academic Advisor about exact units required given the student's AP, transfer, etc. credit)			
Work with your Academic Advisor to Declare an Emphasis during your 3rd or 4th semester			
Summer Session following Second Year			
<i>Summer courses may be required for shortened graduation timeline</i>			
THIRD YEAR			
Fall Semester - (18 undergraduate units)		Spring Semester - (15 undergraduate units)	
PHPM 310	Health Care in the US (3)	HPS 433	Global Health (3)
PHYS 102	Introductory Physics (3)	HPS 478	Public Health Nutrition (3)
ENGL 307 or 308 OR HPS 307	Business or Technical Writing (3) Public Health Narratives (3)	HPS 405	Biology in Public Health (3)
HPS 493A	Field Work in Public Health (3)	HPS 493A	Field Work in Public Health (3)
Public Health Elective 2 of 3 (300 or 400 level) (3)		Public Health Elective 3 of 3 (300 or 400 level) (3)	
EOH Emphasis Course 2 of 4 (300 or 400 level) (3)			

FOURTH YEAR- EOH track			
Fall Semester - (12 graduate units, counted towards both programs)		Spring Semester - (10 graduate units)	
EPID 573A	Epidemiology (3)	EHS 653	Applied Exposure Assessment (3)
BIOS 576A	Biostatistics (3)	EHS 575	Environmental & Occupational Health (3)
EHS 502	Environmental Monitoring Methods (3)	PHPM 574	Public Health Policy and Management (3)
EHS 584	Fundamentals of Industrial Hygiene & Environmental Health (3)	EHS 696R	Environmental and Occupational Health Seminar (1)
EHS 696R	Environmental and Occupational Health Seminar (0) <i>(Not required but recommended)</i>	Master's Report Preparation Training (0)	
FOURTH YEAR- IH track			
Fall Semester - (12 graduate units, counted towards both programs)		Spring Semester - (13 graduate units)	
EPID 573A	Epidemiology (3)	EHS 553	Toxicology & Chemical Exposures (or EHS track approved course) (3)
BIOS 576A	Biostatistics (3)	EHS 655	Control of Occupational Exposures (or EHS track approved course) (3)
EHS 502	Environmental Monitoring Methods (3)	EHS 653	Applied Exposure Assessment (3)
EHS 584	Fundamentals of Industrial Hygiene & Environmental Health (3)	PHPM 574	Public Health Policy and Management (3)
EHS 696R	Environmental and Occupational Health Seminar (0) <i>(Not required but recommended)</i>	EHS 696R	Environmental and Occupational Health Seminar (1)

Student graduates with a BS in Public Health

FIFTH YEAR- EOH Track			
Fall Semester - (10 graduate units)		Spring Semester - (10 graduate units)	
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)	Elective	Approved by faculty mentor (3)
Elective	Approved by faculty mentor (3)	Elective	Approved by faculty mentor (3)
EHS 696R	Environmental & Occupational Health Seminar (1)	EHS 580	Integrated Public Health Learning Experience - MPH capstone course (1)
EHS 909	Master's Report (3)	EHS 696R	Environmental & Occupational Health Seminar (0) (Recommended but not required)
		EHS 909	Master's Report (3)
FIFTH YEAR- IH Track			
Fall Semester - (10 graduate units)		Spring Semester - (10 graduate units)	
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)	EHS 510	Physical Exposures (3)
EHS 575	Environmental & Occupational Health (3)	EHS 580	Integrated Public Health Learning Experience - MPH capstone course (1)
EHS 696R	Environmental & Occupational Health Seminar (1)	EHS 522*	Introduction to Occupational Safety (3) <i>(not required but recommended)</i>
EHS 909	Master's Report (3)	EHS 696R	Environmental & Occupational Health Seminar (0) <i>(not required but recommended)</i>
		EHS 909	Master's Report (3)
*IH Track represents a student beginning AMP program in an odd year (i.e. 2027, 2029). It is best to meet with your MPH Coordinator to update course sequencing based on your program start date.			

Student Graduates with MPH

Total MPH Credit Hours: 42
(including 2 Master's Reports)

Accelerated BS & MPH in Global Health

Gabriela Valdez, PhD - Program Director

The Health Promotion Services Department has developed an accelerated five-year Bachelor of Science to Master of Public Health Degree in Global Health option for exceptional students.

Students have the potential to experience the breadth of public health in the bachelor's program and focus on expertise in global health in the Master of Public Health program. The combined, structured degree enables students to carefully choose electives that prepare them for the advanced courses and provide a broader exposure to global health in 5 years instead of the 6 years that would be required to complete the degrees separately.

Global health specialists focus on international nutrition, maternal and child health issues, international and government policies, and epidemiology applied to global contexts. The accelerated program covers the same information and addresses the same competencies as the two separate degrees. Students can replace elementary level courses in the bachelor program with deeper expertise provided in the master level coursework.

Students will declare an emphasis after completing specific course requirements and a minimum of 45 units towards the undergraduate degree. Students apply to the combined, accelerated MPH program after completing 75 credit hours of undergraduate work. A GPA of 3.3 or greater during the first two years of the undergraduate curriculum is required.

Students are accepted following completion of 90 undergraduate credit hours. Students will begin the MPH curriculum in their senior year as an undergraduate.

**BACHELOR OF SCIENCE &
MASTER OF PUBLIC HEALTH**

Accelerated BS/MPH - Global Health Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

Incoming AP Courses Accepted – Composition, Calculus, Language, Biology, Chemistry, Physics			
FIRST YEAR			
Fall Semester - (14 undergraduate units)		Spring Semester - (17 undergraduate units)	
ENGL 101	First semester composition (3)	ENGL 102	Second semester composition (3)
MATH 112 (or higher)	College Algebra (3)	HPS 200	Introduction to Public Health (3)
HPS 178	Personal Health and Wellness (3)	NSC 170C1	Nutrition, Food, and You (3) (EP- Natural Scientist)
UNIV 101	Introduction to the General Education Experience (1)	CHEM 130 & 130L/151/141 & 143/161&163	Chemistry I (4)
Second Language- First Semester (4)		Second Language- Second Semester (4)	
Summer Session following First Year			
<i>Summer courses may be required for shortened graduation timeline</i>			
SECOND YEAR			
Fall Semester - (15-16 undergraduate units)		Spring Semester - (17 undergraduate units)	
CHEM 152/142 & 144/162 & 164	Chemistry II (4)	MCB 181 L & R	General Biology (3)
HPS 350	Principles of Health Education and Health Promotion (3)	EPID 309	Introduction to Epidemiology (3)
HPS 387	Health Disparities and Minority Health (3)	ENGL 307/308 OR HPS 307	Business or Technical Writing (3) Public Health Narratives (3)
Exploring Perspectives – Humanist (3)		PHPM 310	Healthcare in the U.S. (3)
Exploring Perspectives – Artist (3)		UNIV 301	General Education Portfolio (1)
		Building Connections (3)	
General Electives (check with Academic Advisor about exact units required given the student's AP, transfer, etc. credit)			
Work with your Academic Advisor to Declare an Emphasis during your 3rd or 4th semester			
Summer Session following Second Year			
<i>Summer courses may be required for shortened graduation timeline</i>			

THIRD YEAR			
Fall Semester - (18 undergraduate units)		Spring Semester - (15 undergraduate units)	
EHS 375	Introduction to Environmental and Occupational Health (3)	HPS 433	Global Health (3)
HPS 493A	Field Work in Public Health (3)	HPS 478	Public Health Nutrition (3)
Building Connections (3)		HPS 405	Biology in Public Health (3)
Public Health Elective 1 of 3 (300 or 400 level) (3)		HPS 493A	Field Work in Public Health (3)
Public Health Elective 2 of 3 (300 or 400 level) (3)		Global Health Emphasis Course 2 of 3 (300/400 Level) (3)	
Global Health Emphasis Course 1 of 3 (300/400 Level) (3)			
Summer Session following Third Year			
<i>Summer courses may be required for shortened graduation timeline</i>			
FOURTH YEAR			
Fall Semester - (12 graduate units, counted towards both programs)		Spring Semester - (12 graduate units)	
HPS 577	Social and Behavioral Aspects of Public Health (3)	HPS 533	Global Health (3)
BIOS 576A	Biostatistics (3)	HPS 560	International Nutrition (3)
HPS 559	Management of Global Public Health Emergencies	EHS 525	A Public Health Lens to Climate Change (3)
HPS 529	Project Planning and Evaluation in Global Health and Development (3)	PHPM 574	Public Health Policy and Management (3)
Student graduates with a BS in Public Health		Master's Report Preparation Training (0)	
FIFTH YEAR			
Fall Semester - (9 graduate units)		Spring Semester - (8 or 9 graduate units)	
EPID 573A	Basic Principles of Epidemiology (3)	EPID 606 OR Elective	Changing Health Policy: Cultural Understanding and Epi Analysis (3) (Approved by Faculty Mentor) (3)
EHS 575	Environmental and Occupational Health (3)	HPS 909	Master's Report (5)
Elective OR CPH 557 ⁺	(Approved by Faculty Mentor) (3) Global Maternal Health: Cultural Perceptions and Policy Approaches (3)	HPS 580	Integrated Public Health Learning Experience - MPH capstone course (1)
NOTES			
+ CPH 557 is offered in the fall semester only.			

Master of Public Health

The Master of Public Health (MPH) degree is designed to be an interdisciplinary, graduate, professional degree in public health. The program provides opportunities for students to obtain broad knowledge and basic skills in the core areas of public health. Students are able to acquire proficiency in one or more specialized areas through advanced coursework, and gain experience in applying advanced knowledge to the solution of actual health problems in community settings during internship training.

The mission of the MPH program is to prepare students to assume public health leadership roles in the identification of community health problems, and in the planning, implementation and evaluation of programs and policies essential for the promotion of health and the alleviation of illness and disease. The MPH program is designed to meet the particular needs of the Southwestern United States, with emphasis on rural and urban medically underserved populations, including Hispanics, Native Americans, and other ethnic minority populations.

The MPH Program blends the strengths and experiences of the medical and health-related programs of The University of Arizona and the community health agencies of Arizona to provide a program of sufficient breadth and depth to offer high quality community-oriented graduate public health education.

Department of Epidemiology and Biostatistics

- Biostatistics
- Epidemiology
- One Health

Department of Community, Environment and Policy

- Environmental and Occupational Health with tracks in Environmental and Occupational Health (EOH) & Industrial Hygiene (IH)

Department of Health Promotion Sciences

- Family & Child Health
- Global Health
- Health Behavior Health Promotion

Division of Public Health Practice, Policy, and Translational Research

- Health Services Administration (Phoenix & Tucson campuses)
- Public Health Policy and Practice (Phoenix & Tucson campuses)

Master of Public Health (MPH) Degree Concentrations

The UA Zuckerman College of Public Health offers a MPH program in which students acquire a sound academic background for competent practice in the field of public health. The MPH program is a two-year program for full-time students; part-time students may take up to six years to complete the program. MPH students select one of the concentration areas listed below. Dual degree options are also available, including the MPH/MA in Latin American Studies, the DNP/MPH with the College of Nursing, and the MPH/MS in Mexican American Studies, the MD/MPH with the College of Medicine, the JD/MPH with the College of Law, the MBA/MPH with Eller College of Management, and the PharmD/MPH with the College of Pharmacy.

Biostatistics

The Biostatistics area of study's educational objective is to prepare individuals to apply statistical methods to the solution of problems encountered in such fields as public health, medicine, nursing, pharmacy and dentistry. Biostatisticians collaborate with scientists and investigators in nearly every area related to health and have made major contributions to our understanding of diseases such as AIDS, cancer, and coronary heart disease.

Climate Change and Health

Students who graduate with an MPH concentration in Climate Change and Health will learn to integrate and implement a portfolio of public health methods to address the impacts of climate change on human health, animal health, and the environment. They will gain the ability to analyze health and environmental data, to collaborate across sectors to develop innovative solutions, and to deliver assessments and policies that translate research into action. This set of skills will prepare students to collaboratively build climate resilience within communities and themselves, and heal our warming world.

Environmental and Occupational Health

The Environmental and Occupational Health area of study prepares individuals to evaluate and control health risks posed by chemical and biological contaminants and physical exposures (noise, heat and radiation) in occupational and community environments. Those interested in industrial hygiene may be eligible to receive funds through the NIOSH training program. Faculty members have experience in industrial hygiene, occupational and environmental health, safety, ergonomics, toxicology, microbiology, exposure modeling, occupational and preventive medicine, environmental sciences, engineering and epidemiology.

Epidemiology

Epidemiology is a fundamental science of public health with a major focus on health problems in communities, groups, or aggregates of people. Individuals who choose this concentration will have the opportunity to acquire knowledge, skills and experiences for measuring and studying the distributions, characteristics, causes, and prevention of disease, disability, and premature death in humans. The Epidemiology concentration prepares students to work proficiently with tasks related to epidemiological study design, data collection, data analysis, critical assessment of the literature and study presentations in public health.

Family and Child Health

The Family and Child Health (FCH) area of study focuses on promoting the health and well-being of families. Course work emphasizes issues relevant to women, children, and adolescents and develops knowledge and skills in epidemiology, planning and evaluation, and community engagement. Course offerings include Maternal and Child Health (MCH), MCH epidemiology, adolescent health, and family violence or mental health. Students also immerse themselves in real-world, practical experiences through service-learning courses.

Global Health

The Global Health (GH) area of study will provide students with core public health skills, history of global responses to health problems, and a rich understanding of the social, environmental, political and economic determinants of health in a global setting. GH faculty have a depth of experience in international contexts conducting research, establishing clinics, and implementing community-based health education programs. Course offerings include global health, international nutrition, infectious disease epidemiology, and changing health policy.

Health Behavior Health Promotion

The Health Behavior Health Promotion (HBHP) concentration is founded on a philosophy of health education, health promotion, and disease prevention to improve the quality of life of individuals, families and communities. HBHP focuses on sociocultural factors that influence health and health behavior; scientific and theoretical bases for planning, implementing, and evaluating effective public health education, health promotion and disease prevention programs; and the goal of facilitating behavior change for healthy life.

Health Services Administration *(Tucson and Phoenix Campuses)*

The Health Services Administration (HSA) concentration is a unique combination of public health and health care administration courses, which will provide individuals with the tools they need to understand the multifaceted administrative and business aspects of health care. The Health Services Administration curriculum is comprised of specifically targeted courses, with a goal to graduate highly qualified health care administrators.

One Health

The One Health curriculum model recognizes that multi-disciplinary efforts at the intersection between humans, animals and their respective environments are needed to solve complex diseases and public health concerns. These approaches to understanding disease can be visible at the local level but also are needed at a global level. The MPH in One Health will train students in the theory and application of utilizing One Health approaches to address complex public health challenges. Expertise is drawn from all three MEZCOPH departments as well as Colleges and Schools across the University.

Public Health Practice and Policy *(Tucson and Phoenix Campuses)*

The Public Health Practice and Policy (PHPP) concentration prepares students to develop the public health skills needed to work in a variety of governmental and non-governmental settings including the local, county and state departments of health, the Indian Health Service, Medicaid and Medicare programs, hospitals, and community health centers.

Master of Public Health Degree Requirements

The Master of Public Health (MPH) degree is comprised of core courses, required concentration courses, elective courses, and an applied practice experience. Each student will also be required to produce a comprehensive, analytical, problem solving report integrating the in-class learning with a portfolio that includes two products from their applied practice experiences. An oral presentation of the material before a student and faculty colloquium, reporting on activities during the applied practice experience, and relating those activities to broader public health issues is required. Additionally, all MPH students must participate in at least two interprofessional education (IPE) programs, or events that are available through various MEZCOPH courses, and the Arizona Health Sciences Center's IPE activities. Documentation of IPE participation is required for graduation. To prepare them for IPE activities, students are required to read the following articles prior to participating:

1. Xyrichis A and Lowton K. (2008) What fosters or prevents interprofessional teamworking in primary and community care? A literature review. *International Journal of Nursing Studies* 45:140-153
2. U.S. Department of Health and Human Services. Multiple Chronic Conditions Initiative. Education and Training Curriculum on Multiple Chronic Conditions. Module 4. Interprofessional Collaboration. Washington, DC. June 2015.

Detailed information on the requirements for each concentration area follows.



Master of Public Health in Biostatistics

Paul Hsu, PhD - Program Director

The MPH program in Biostatistics is offered by the [Department of Epidemiology and Biostatistics](#). The educational objective of the MPH degree in Biostatistics and Health Data Science is to prepare individuals to work effectively as biostatisticians/data scientists in a variety of public health, epidemiological and clinical research settings. Candidates for admission may come from medical and public health backgrounds but applicants from all academic backgrounds will be considered. Applicants should possess 1) a demonstrated interest and/or experience in the area of biostatistics, 2) in the case of a deficient overall GPA, evidence that recent performance significantly exceeds the past average, and 3) evidence of personal qualities that suggest the ability to commit and succeed in the course of studies. While courses in statistics are not required as prerequisites, students should have had college level calculus and/or linear algebra. The MPH in Biostatistics and Health Data Science program level competencies on the [program website](#) define professional skills that students are expected to acquire upon graduating from the program.

EPIDEMIOLOGY &
BIOSTATISTICS

MPH – Biostatistics Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
BIOS 580	Integrated Public Health Learning Experience - MPH capstone course (1)

Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before applied practice experience begins)

Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED BIOSTATISTICS COURSES - (14 units)

BIOS 576B	Biostatistics for Research (3)
BIOS 576C	Applied Biostatistics Analysis (3)
BIOS 680	Biostatistical Methods I: Clinical Trials/Survival Analysis (3)
BIOS 909	Master's Report (5)

ELECTIVE COURSES - (minimum 12 units)

All 3-unit 500 or 600 level BIOS courses

Other elective courses:

EPID 677	Genetic Association Studies (3)
STAT 571A	Advanced Statistical Regression Analysis (3)
STAT 571B	Design of Experiments (3)
STAT 675	Statistical Computing (3)

At most 6 elective credits may be applied from BIOS 550, BIOS 551, and BIOS 552

Total Required Credit Hours: 42

MPH Biostatistics Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester - (9 units)		Spring Semester - (9 units)	
BIOS 576A*	Biostatistics in Public Health (3)	BIOS 576B ¹	Biostatistics for Research (3)
EPID 573A*	Basic Principles of Epidemiology (3)	PHPM 574*	Public Health Policy & Management (3)
EHS 575*	Environmental & Occupational Health (3)	HPS 577*	Sociocultural & Behavioral Aspects of Public Health (3)
		Master's Report Preparation Workshop (required; non-credit)	
SECOND YEAR			
Fall Semester - (12 units)		Spring Semester - (12 units)	
BIOS 576C ¹	Applied Biostatistics Analysis (3)	BIOS 680 ²	Biostatistical Methods I: Clinical Trials/ Survival Analysis (3)
Elective(s)	(From the eligible elective courses) (9)	BIOS 909**	Master's Report (5)
		Elective	(From the eligible elective courses) (3)
		BIOS 580	Integrated Public Health Learning Experience - MPH capstone course (1)
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for BIOS 909 – Master's Report: At least 3 MPH core courses and BIOS 576A and BIOS 576B. BIOS 909 may be taken in one or more semesters and the credits may be split across semesters. Final report cannot be submitted until all five 3-unit core courses have been completed.			
¹ Offered in the Fall Semester.			
² BIOS 680 is only offered in the Spring Semester.			

Master of Public Health in Climate Change and Health

Climate change stands as the single biggest threat facing humanity. The MPH concentration in Climate Change and Public Health provides the crucial public health knowledge, data analysis skills, and program implementation abilities needed to respond to the many climate-driven health risks we are facing. Students take courses offered across multiple programs in the College of Public Health including health promotion, epidemiology, and environmental health sciences.

The MPH in Climate Change and Health program level competencies on the program website define professional skills that students are expected to acquire upon graduating from the program. Each student, under the guidance of a faculty mentor, will develop an individualized plan of study and an applied practice experience for their specialized area of interest.

In addition to the general admission requirements for the MPH Program, factors considered in the determination of a candidate's potential for success in the CCH concentration include work or volunteer experience and letters of recommendation. The CCH concentration encourages people with a variety of professional and academic backgrounds to apply.

MPH – Climate Change and Health Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
EHS/EPID/ HPS 580	Integrated Public Health Learning Experience - MPH capstone course (1) Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before applied practice experience begins)

Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED CLIMATE CHANGE AND HEALTH COURSES - (23 units)

EHS 525	A Public Lens to Climate Change (3)
HPS 533	Global Health (3)
CPH 502	Climate and Health (3)
EPID/EHS 545	One Health Foundations (3)
CPH/GHI 532	Food in 2050 and Beyond: Climate Change and Global Health (3)
CPH/GHI 566	Climate Change and Health Policy, Communication and Community Engagement (3)
EHS 909	Master's Report (5)

ELECTIVE COURSES - (Approved by faculty mentor, minimum 3 units)

Total Required Credit Hours: 42

MPH Climate Change and Health Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester - (12 units)		Spring Semester - (9 units)	
EPID 573A*	Basic Principles of Epidemiology (3)	EHS 525	A Public Health Lens to Climate Change (3)
HPS 577*	Sociocultural & Behavioral Aspects of Public Health (3)	EHS 575*	Environmental & Occupational Health (3)
BIOS 576A*	Biostatistics in Public Health (3)	CPH/GHI 532	Food in 2050 and Beyond: Climate Change and Global Health (3)
PHPM 574*	Public Health Policy & Management (3)	Master's Report Preparation Workshop (required ; non-credit)	
SECOND YEAR			
Fall Semester - (12 units)		Spring Semester - (9 units)	
CPH 502	Climate and Health (3)	HPS 533 ¹	Global Health (3)
EPID/EHS 545	One Health Foundations (3)	EHS 909**	Master's Report (5)
CPH/GHI 566	Climate Change and Health Policy, Communication and Community Engagement (3) (7 WK 2)	EHS/EPID/HPS 580 ²	Integrated Public Health Learning Experience - MPH capstone course (1)
Elective(s)	(From the eligible elective courses) (3)		
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for 909 units – Master's Report: At least 3 MPH core courses and EHS 525. 909 units may be taken in one or more semesters and the credits may be split across semesters. Final report cannot be submitted until all five 3-unit core courses have been completed.			
¹ HPS 533 is offered only in the spring semester			
² Students should enroll in either EPID/EHS/HPS 580 based on the student's 909 Master's Report units department.			

Master of Public Health in Environmental and Occupational Health

Yevheniia Varyvoda, PhD - Program Director

The MPH degree in Environmental and Occupational Health (EOH) is offered by the [Department of Community, Environment and Policy](#).

Students may choose between two tracks: the Environmental and Occupational Health (EOH) track and the Industrial Hygiene (IH) track. Both tracks prepare students to evaluate and manage health risks faced by communities and workers from chemical, biological contaminants, and physical exposures.

Program faculty have expertise in industrial hygiene, toxicology, occupational medicine, ergonomics, occupational safety, epidemiology, microbiology, environmental science, environmental modeling and engineering, and exposure and risk assessment. As part of the coursework, students complete a field-based internship and report, two interprofessional education activities, and a capstone integrated public health learning experiences. Students work closely with a faculty advisor to develop an individualized plan of study that best meets their professional goals.

Both the EOH and EOH-IH tracks require 42 credit hours. The EOH track provides greater flexibility in electives and emphasis areas selection. The IH track emphasizes worker protection through designated elective coursework in occupational health. Students interested in worker protection may be eligible for funding through the National Institute for Occupational Safety and Health (NIOSH) training program.

Students applying to the EOH track should have a strong background in the basic sciences. In addition to the general MPH admission requirements, inorganic chemistry is required for admission to the EOH track, and organic chemistry is highly recommended. Students interested in the EOH-IH track must complete one year of inorganic chemistry and one semester of physics, in addition to the general MPH admission requirements.

Track-specific competencies, which define the professional skills students are expected to acquire upon program completion, are available on the program [webpage](#).

MPH – Environmental & Occupational Health (IH Track) Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
EHS 580	Integrated Public Health Learning Experience - MPH capstone course (1) Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED EOH COURSES - (17 units)

EHS 502	Environmental Monitoring and Analysis (3)
EHS 584	Fundamentals of Industrial and Environmental Health (3)
EHS 653	Applied Exposure Assessment (3)
EHS 696R	Environmental & Occupational Health Seminar (1 unit –2 times)
EHS 909	Master's Report (6)

REQUIRED COURSES FOR IH TRACK - (9 units)

EHS 510	Physical Exposures (3) –Spring odd years
EHS 553	Toxicology and Chemical Exposures (3)
EHS 655	Control of Occupational Exposures (3)

RECOMMENDED COURSE FOR IH TRACK

EHS 522	Introduction to Occupational Safety (3)
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Total Required Credit Hours: 42

MPH Environmental & Occupational Health (IH Track) Recommended Course Sequencing (even year program entry)

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester - (13 units)		Spring Semester - (12 units)	
EHS 502	Environmental Monitoring & Analysis (3)	EHS 510 ¹	Physical Exposures and Ergonomics (3)
EPID 573A*	Basic Principles of Epidemiology (3)	EHS 522 ³	Introduction to Occupational Safety (3)
BIOS 576A*	Biostatistics in Public Health (3)	PHPM 574*	Public Health Policy and Management (3)
EHS 584	Fundamentals of Industrial & Environmental Health (3)	EHS 653**	Applied Exposure Assessment (3)
EHS 696R	Environmental & Occupational Health Seminar (1)	EHS 696R	Environmental & Occupational Health Seminar (0)
		Master's Report Preparation Workshop (required ; non-credit)	
Summer Session following First Year			
Begin EHS 909 Master's Report (1)**			
SECOND YEAR			
Fall Semester - (7-11 units)		Spring Semester - (8-12 units)	
EHS 575*	Environmental & Occupational Health (3)	EHS 553 ¹	Toxicology and Chemical Exposure (3)
HPS 577*	Sociocultural & Behavioral Aspects of Public Health (3)	EHS 655 ²	Control of Occupational Exposures (3)
EHS 696R	Environmental & Occupational Health Seminar (1)	EHS 580**	Integrated Public Health Learning Experience - MPH capstone course (1)
EHS 909**	Master's Report (0-4)	EHS 696R	Environmental & Occupational Health Seminar (0)
		EHS 909***	Master's Report (1-5)
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for EHS 580: All five 3-unit core courses must be complete prior to taking this course Prerequisites for EHS 653: EHS 502 and EHS 584			
*** Prerequisites for EHS 909 – Master's Report: May not be initiated until a minimum of 3 core classes have been completed (which must include BIOS 576A), EHS 502 and EHS 584. Note: The final report may not be completed until the semester following the completion of all five MPH core courses.			
¹ Course only offered in the Spring of even years			
² Course only offered in the Spring of odd years			
³ Course offered every year in the Spring			

MPH – Environmental & Occupational Health (EOH Track) Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
EHS 580	Integrated Public Health Learning Experience - MPH capstone course (1) Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED EOH COURSES - (17 units)

EHS 502	Environmental Monitoring and Analysis (3)
EHS 584	Fundamentals of Industrial and Environmental Health (3)
EHS 653	Applied Exposure Assessment (3)
EHS 696R	Environmental & Occupational Health Seminar (1 unit – 2 times)
EHS 909	Master's Report (6)

ELECTIVE COURSES FOR EOH TRACK - (minimum 9 units)

EHS 510	Physical Exposures (3)
EHS 518	Introduction to Human Health Risk Assessment (3)
EHS 520	Environmentally Acquired Infections (3)
EHS 522	Introduction to Occupational Safety (3)
EHS 525	A Public Health Lens to Climate Change (3)
EHS 526	Topics in Environmental Justice (3)
EHS 553	Toxicology and Chemical Exposure (3)
EHS 589	Public Health Preparedness (3)
EHS 604	Modeling Exposures to Environmental Hazards (3)
EHS 655	Control of Occupational Exposures (3)

(In addition, other cross campus courses may be used as EOH electives; approved by Faculty Mentor)

Total Required Credit Hours: 42

MPH Environmental & Occupational Health (EOH Track) Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester- (13 units)		Spring Semester- (9 units)	
EHS 502	Environmental Monitoring & Analysis (3)	PHPM 574*	Public Health Policy and Management (3)
EPID 573A*	Basic Principles of Epidemiology (3)	EHS 575*	Environmental & Occupational Health (3)
BIOS 576A*	Biostatistics in Public Health (3)	EHS 6531	Applied Exposure Assessment (3)
EHS 584	Fundamentals of Industrial & Environmental Health (3)	EHS 696R	Environmental & Occupational Health Seminar (0)
EHS 696R	Environmental & Occupational Health Seminar (1)	Master's Report Preparation Workshop (required; non-credit)	
Summer Session following First Year			
Begin EHS 909 Master's Report (1) **			
SECOND YEAR			
Fall Semester- (7-11 units)		Spring Semester- (8-12 units)	
HPS 577*	Sociocultural & Behavioral Aspects of Public Health (3)	EHS 580	Integrated Public Health Learning Experience - MPH capstone course (1)
EHS 696R	Environmental & Occupational Health Seminar (1)	EHS 696R	Environmental & Occupational Health Seminar (0)
EHS 909**	Master's Report "Internship" (0-4)	Elective	(Approved by Faculty Mentor) (6)
Elective	(Approved by Faculty Mentor) (3)	EHS 909**	Master's Report (1-5)
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for EHS 909 – Master's Report: May not be initiated until a minimum of 3 core classes have been completed (which must include BIOS 576A), EHS 502 and EHS 584. Note: The final report may not be completed until the semester following the completion of all five MPH core courses.			
¹ Prerequisites for EHS 653: EHS 502 and EHS 584			

Master of Public Health in Epidemiology

Heidi Brown, PhD, MPH- Program Director

The MPH in Epidemiology is offered by the [Department of Epidemiology and Biostatistics](#). Epidemiology is a fundamental science of public health with a major focus on health problems in communities, groups, or aggregates of people. The Epidemiology concentration curriculum provides systematic training in epidemiological principles, methods, and practices through constructive coursework and an internship. Individuals who choose the epidemiology concentration will have the opportunity to acquire knowledge, skills and experiences for measuring and studying the distributions, characteristics, causes, and prevention of disease, disability, and premature death in humans. The MPH in Epidemiology program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program. Students accepted into this discipline should have a good background in the biological sciences and mathematics. In addition to the general admission requirements for the MPH program, other factors considered in the determination of a candidate's potential for success in the epidemiology concentration area are long range goals and commitment to both public health and epidemiology; experience/interest in applying epidemiological principles to public health; and work and volunteer experience in epidemiology.

EPIDEMIOLOGY &
BIOSTATISTICS

MPH – Epidemiology

Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
EPID 580	Integrated Public Health Learning Experience - MPH capstone course (1)

Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED EPIDEMIOLOGY COURSES - (26 units)

EPID 573B	Epidemiologic Methods (3)
EPID 573C	Advanced Epidemiology (3)
BIOS 576B	Biostatistics for Research (3)
EPID 596D	Public Health Experience – Student Epidemiology Response Team (2)
EPID 696A	Epidemiology Seminar (1 unit – 2 times)
EPID 909	Master's Report (4)

Complete 3 Selective Epidemiology courses – minimum 9 units from the following courses:

EPID 526	Digital Epidemiology (3)
EPID 615A	Cancer Epidemiology & Prevention (3)
EPID 625	Meta-analysis of Observational Studies (3)
EPID 630	Maternal and Child Health Epidemiology (3)
EPID 645	Nutritional Epidemiology (3)
EPID 646	Measurement Issues in Epidemiology (3)
EPID 660	Infectious Disease Epidemiology (3)
EPID 670	Chronic Disease Epidemiology (3)
EPID 673	Mixed Research Methods: Design, Conduct and Application in Health Research (3)
EPID 676	Spatial Epidemiology (3)
EPID 677	Principles of Genetic Association Studies (3)
EPID 679	One Health Applications and Practice (3)

Total Required Credit Hours: 42

MPH Epidemiology Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester - (12 units)		Spring Semester - (12 units)	
EPID 573A*	Basic Principles of Epidemiology (3)	EPID 573B ¹	Epidemiologic Methods (3)
BIOS 576A*	Biostatistics in Public Health (3)	BIOS 576B ¹	Biostatistics for Research (3)
PHPM 574* OR EHS 575*	Public Health Policy & Management (3) Environmental & Occupational Health (3)	EHS 575* OR PHPM 574*	Environmental & Occupational Health (3) Public Health Policy & Management (3)
HPS 577*	Sociocultural & Behavioral Aspects of Public Health (3)	EPID 596D ¹	Public Health Experience – Student Epidemiology Response Team (2)
		Master’s Report Preparation Workshop (required ; non-credit)	
Summer Session following First Year			
Begin EPID 909 Master’s Report (1-2; typically 1)** – To conduct the internship, you must be enrolled.			
SECOND YEAR			
Fall Semester - (6-9 units)⁺		Spring Semester - (9-11 units)⁺	
EPID 573C ¹	Advanced Epidemiology (3)	EPID 6xx	Selective Epidemiology Course #2: 645, 660, 670, 676, 677 (3)
EPID 6xx OR EPID 596D ²	Selective Epidemiology Course #1: 615 (odd yrs.), 630, 646 (even yrs.) (3) Public Health Experience – Student Epidemiology Response Team (2)	EPID 6xx	Selective Epidemiology Course #3: 645, 660, 670, 676, 677 (3)
EPID 696A ²	Epidemiology Seminar (1)	EPID 696A ²	Epidemiology Seminar (1)
EPID 909**	Master’s Report (0-2; typically 0)	EPID 909**	Master’s Report (1-3; often 3)
		EPID 580	Integrated Public Health Learning Experience - MPH capstone course (1)
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student’s final term in the program.			
** Prerequisites for EPID 909 – Master’s Report: At least 3 MPH core courses, EPID 573B, and BIOS 576B before starting Report. EPID 909 typically is taken in multiple semesters with the credit hours split across semesters. Note: The final report may not be completed until the semester following the completion of all five MPH core courses.			
⁺ Students who require full time graduate status for loan/scholarship disbursement may need to take more units than the sequencing recommends.			
¹ This course only offered in this specific semester; not in both fall and spring semesters			
² This course is offered both fall and spring semesters			
³ <i>Note:</i> Students planning an infectious disease related MPH Master’s Report are encouraged to take EPID 660 spring year 1. EPID 660 and HPS 577 are offered during the same time slot during the spring semester; plan accordingly.			

Master of Public Health in Family and Child Health

Christina Cutshaw, PhD - Program Director

The MPH degree in Family and Child Health is offered by the [Department of Health Promotion Sciences](#). The Family and Child Health (FCH) concentration provides students a curriculum that addresses the history and current status of the socioeconomic, cultural, political and physiological issues that affect the health of women, children, and families in the United States and globally. Course work in the Maternal and Child Health (MCH) specialized area has a greater emphasis on domestic MCH mortality and morbidity, interventions and policy. Each student, under the guidance of a faculty mentor, will develop an individualized plan of study for their specialized area of interest. The MPH in Family and Child Health program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program.

In addition to the general admission requirements for the MPH Program, factors considered in the determination of a candidate's potential for success in the FCH concentration include work or volunteer experience with underserved populations. The FCH concentration encourages people with a variety of professional and academic backgrounds to apply. Our graduates include nurses, nutritionists, social workers, teachers, physicians, program planners and evaluators, working in a variety of settings.

MPH – Family and Child Health Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
HPS 580	Integrated Public Health Learning Experience - MPH capstone course (1) Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED MCH COURSES - (14 units)

HPS 586	Maternal and Child Health (3)
EPID 630	Maternal and Child Health Epidemiology (3)
One Program Planning/Evaluation course (consult with Faculty Mentor for options) (3)	
HPS 909	Master's Report (5)

ELECTIVE COURSES - (minimum 12 units required, approved by Faculty Mentor) (12)

Total Required Credit Hours: 42

MPH FCH Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester - (13 units)		Spring Semester - (9 units)	
EPID 573A*	Basic Principles of Epidemiology (3)	EHS 575*	Environmental & Occupational Health (3)
HPS 577*	Sociocultural & Behavioral Aspects of Public Health (3)	Elective	(Approved by Faculty Mentor) (3)
HPS 586	Maternal & Child Health (3)	Program Planning/Evaluation Course (approved by Faculty Mentor) (3)	
BIOS 576A*	Biostatistics in Public Health (3)	Master's Report Preparation Workshop (required ; non-credit)	
HPS 696H	Maternal & Child Health/Public Health Seminar (1)		
SECOND YEAR			
Fall Semester - (12 units)		Spring Semester - (7 units)¹	
EPID 630	MCH Epidemiology (3)	HPS 909**	Master's Report (2)
PHPM 574*	PH Policy & Management (3)	HPS 580	Integrated Public Health Learning Experience - MPH capstone course (1)
HPS 909**	Master's Report (3)	Electives	(Approved by Faculty Mentor) (4)
Electives	(Approved by Faculty Mentor) (3)		
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for HPS 909- Master's Report: At least 3 MPH core courses; HPS 586 - Maternal and Child Health; and (1) Program Planning & Evaluation Course. Final report cannot be submitted until all five 3-unit core courses have been completed. HPS 909 may be taken in one or more semesters and the credits may be split across semesters.			
¹ Students who require full time graduate status for loan/scholarship disbursement may need to take more units than the sequencing recommends.			

Master of Public Health in Global Health

Gabriela Valdez, PhD - Program Director

The MPH degree in Global Health is offered by the [Department of Health Promotion Sciences](#). The Global Health (GH) concentration provides students a curriculum that addresses the history and current status of the socioeconomic, cultural, political and physiological issues that affect the health in a global setting. Course work in Global Health emphasizes core public health skills, qualitative and quantitative research methods, proposal development, monitoring and evaluation, history of global response to health issues, and an in-depth understanding of sociopolitical, economic, and environmental determinants of health.

Each student, under the guidance of a faculty mentor, will develop an individualized plan of study for their specialized area of interest. The MPH in Global Health program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program.

In addition to the general admission requirements for the MPH Program, factors considered in the determination of a candidate's potential for success in the GH concentration include work or volunteer experience with underserved populations. The GH concentration encourages people with a variety of professional and academic backgrounds to apply. Our graduates include nurses, nutritionists, social workers, teachers and physicians.

MPH – Global Health

Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
HPS 580	Integrated Public Health Learning Experience - MPH capstone course (1)

Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED GLOBAL HEALTH COURSES - (23 units)

HPS 533	Global Health (3)
HPS 560	International Nutrition (3)
EHS 525	A Public Health Lens to Climate Change (3)
HPS 529	Project Planning and Evaluation in Global Health and Development (3)
HPS 635	Applied Field Methods in Global Health Nutrition (3)
or HPS 559	Management of Global Public Health Emergencies (3)
CPH 557	Global Maternal Health: Cultural Perceptions and Policy Approaches (3)
HPS 909	Master's Report (5)

ELECTIVE COURSES - (minimum 3 units required, approved by Faculty Mentor) (3)

Total Required Credit Hours: 42

MPH Global Health Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester - (12 units)		Spring Semester - (12 units)	
EPID 573A*	Basic Principles of Epidemiology (3)	HPS 533 ²	Global Health (3)
BIOS 576A*	Biostatistics in Public Health (3)	HPS 560 ²	International Nutrition (3)
HPS 577*	Sociocultural Aspects of Public Health (3)	PHPM 574*	Public Health Policy and Management (3)
HPS 529³	Project Planning and Evaluation in Global Health and Development (3)	EHS 525 ²	A Public Health Lens to Climate Change (3)
		Master's Report Preparation Workshop (required; non-credit)	
SECOND YEAR			
Fall Semester - (9 units)		Spring Semester - (9 units)	
EHS 575*	Environmental and Occupational Health (3)	EPID 6061,2 OR Elective	Changing Health Policy: Cultural Understanding & Epi Analysis (3) (Approved by Faculty Mentor) (3)
HPS 6353 OR HPS 5593	Applied Field Methods in Global Health Nutrition (3) Management of Global Public Health Emergencies (3)	HPS 909**	Master's Report (5)
Elective OR CPH 557 ⁺	(Approved by Faculty Mentor) (3) Global Maternal Health: Cultural Perceptions and Policy Approaches (3)	HPS 580	Integrated Public Health Learning Experience - MPH capstone (1)
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
⁺ CPH 557 is offered in the fall semester only.			
**Prerequisites for HPS 909 – Master's Report: At least three MPH core courses; HPS 533 - Global Health; and HPS 529 – Project Planning and Evaluation in Global Health and Development. Final report cannot be submitted until all five 3-unit core courses have been completed.			
¹ Prerequisites for EPID 606: EPID 573A PHPM 574, BIO 576A and HPS 577			
² HPS 533, HPS 560, EPID 606, EHS 525 are offered in the spring semester only			
³ HPS 529, HPS 559 and HPS 635 are offered in the fall semester only.			
⁴ Students who require full time graduate status for loan/scholarship disbursement may need to take more units than the sequencing recommends.			

Master of Public Health in Health Behavior Health Promotion

Nicole Yuan, PhD, MPH - Program Director

The MPH in Health Behavior Health Promotion (HBHP), offered by the Department of Health Promotion Sciences, is based on a philosophy of health education, health promotion, and disease prevention, to improve the quality of life of individuals, families and communities. The HBHP discipline focuses on three areas:

1. Sociocultural factors that influence health and health behavior;
2. Scientific and theoretical basis for planning, implementing, and evaluating effective public health education, health promotion and disease prevention programs; and
3. Facilitating behavior changes for healthy living.

The program provides students with the opportunity to acquire the knowledge and skills that are essential for the promotion of health and prevention of disease in culturally diverse populations. Specific competencies that students are expected to acquire include: a working knowledge of sociocultural factors that influence health, an ability to plan culturally appropriate and effective public health interventions, knowledge and skills relating to the application of sociocultural principles to health promotion and disease prevention programs, culturally relevant service delivery that facilitates positively changed health behaviors, and appropriate methods and skills to effectively plan, implement, and evaluate public health programs.

The Health Behavior Health Promotion concentration places a strong emphasis on the following factors in its determination of a candidates' potential for success in the concentration: long range goals and commitment to public health; successful leadership experience or potential; work and volunteer experience related to the concentration's public health focus; demonstrated community service; public health experience or interest; documented experience and/or commitment to underserved areas and populations. The personal statements of students applying for admission to the Health Behavior Health Promotion concentration should include information regarding these factors. The MPH in Health Behavior Health Promotion program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program.

MPH – Health Behavior Health Promotion

Main Campus Curriculum & Recommended Course Sequencing

Effective for those following the 202/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
HPS 580	Integrated Public Health Learning Experience - MPH capstone course (1)

Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED HBHP COURSES - (15 units)

HPS 531	Contemporary Health Issues and Research (3)
HPS 535	Multicultural Health Beliefs (3)
HPS 532A	Applied Aspects of Program Planning, Implementation, and Evaluation (4)
HPS 909	Master's Report (5)

ELECTIVE COURSES - (minimum 11 units, approved by Faculty Mentor)

Service Learning courses (597 A-G & S) are strongly recommended to meet 1-2 elective credit options.

Total Required Credit Hours: 42

MPH HBHP Recommended Course Sequencing (Main Campus)
Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester - (13 units)		Spring Semester - (10 units)	
HPS 531¹	Contemporary Health Issues & Research (3)	HPS 532A ^{1,2}	Applied Aspects of Program Planning, Implementation & Evaluation I (4)
EPID 573A*	Basic Principles of Epidemiology (3)	PHPM 574*	Public Health Policy and Management (3)
BIOS 576A*	Biostatistics in Public Health (3)	Elective	(Approved by Faculty Mentor) (3)
HPS 577*	Sociocultural & Behavioral Aspects of Public Health (3)	Master's Report Preparation Workshop (required; non-credit)	
597 Service Learning Course (1) [#] (recommended)		597 Service Learning Course (1) [#] (recommended if elective units remain unfulfilled)	
Service Learning 597 course (1)[#] (offered all semesters)			
SECOND YEAR			
Fall Semester - (11 units)		Spring Semester - (8 units)³	
HPS 535 ¹	Multicultural Health Beliefs (3)	HPS 580	Integrated Public Health Learning Experience - MPH capstone course (1)
EHS 575*	Environmental & Occupational Health (3)	HPS 909**	Master's Report (4)
HPS 909**	Master's Report (1)	Elective	(Approved by Faculty Mentor) (3)
Elective	(Approved by Faculty Mentor) (3)	597 Service Learning Course (1) [#] (recommended if elective units remain unfulfilled)	
597 Service Learning Course (1) [#] (recommended)			
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for HPS 909 – Master's Report - HBHP Track: At least 3 MPH core courses and HPS 532A. Final report cannot be submitted until all five 3-unit core courses have been completed.			
¹ This course only offered in this specific semester			
² Prerequisites for – HPS 532A: HPS 531 and HPS 577			
³ Students who require full time graduate status for loan/scholarship disbursement may need to take more units than the sequencing recommends.			

Service Learning courses (597 A-G & S) are strongly recommended to meet 1-2 elective credit options, suggestions include course prefixes of HPS, EPID, PHP, or PHPM. Other potential courses that might fulfill this requirement would require approval by the Program's Director. Service Learning courses are offered all semesters. Please consult the schedule of classes for exact course dates.

Choose from the following Service Learning Courses:

- EPID 597S Skin Cancer Prevention in the Community Setting (1-2) – (offered Fall and Spring)
- HPS 597A Maternal & Child Health Programs in Urban Settings (1)
- HPS 597B Maternal & Child Health Programs in the Rural Southwest (1)
- HPS 597E Public Health for Community Wellness (2) – (offered Fall and Spring)
- PHP 597C Border Health Service Learning Institute (3)
- PHP 597F Phoenix Urban Service Learning (1)
- PHPM 597D Rural Health Service Learning Institute (1)



Master of Public Health in Health Services Administration

Amanda Sokan, PhD, MHA, LL.B - Program Director

Terry Urbine, PhD - Program Director

(Phoenix and Main Campuses)

The Master of Public Health in [Health Services Administration](#) is an accredited interdisciplinary College-wide program that prepares students to develop the skills needed to work in a variety of health related organizations such as health systems, health agencies, third party payers and/or health care supply chain organizations in both governmental and non-governmental settings.

The unique combination of public health and health care administration classes in this accredited curriculum will provide students with the tools they need to understand the multifaceted administrative and business aspects of health care. The Health Services Administration curriculum is comprised of specifically targeted courses, with a goal to graduate highly qualified health care administrators. The MPH in Health Services Administration program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program.

MPH – Health Services Administration Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
PHP 580	Integrated Public Health Learning Experience - MPH capstone course (1) Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED HSA COURSES - (26 units)

PHPM 507	Health Care Economics and Policy (3)
PHPM 558	Health Care Marketing (3) or Elective approved by Faculty Mentor (3)
PHPM 561	Introduction to Health Care Quality and Safety (3)
PHPM 562	Health Services Administration (3)
PHPM 569	Fundamentals of Health Budgeting & Financial Management (3)
PHPM 608A	Public Health Law and Ethics (3)
PHP 641	Health Systems Delivery (3)
PHP 909	Master's Report (5)

Total Required Credit Hours: 42

MPH HSA Recommended Course Sequencing – TUCSON

Effective for those following the 2025/2026 academic curriculum guide

FIRST YEAR			
Fall Semester - (12 units)		Spring Semester - (12 units)	
PHPM 574*	Public Health Policy & Management (3)	HPS 577*	Sociocultural & Behavioral Aspects of Public Health (3)
PHPM 562	Health Services Administration (3)	PHP 641 ¹	Health Systems Delivery (3)
PHPM 569 ¹	Fundamentals of Health Budgeting & Financial Management (3)	PHPM 561 ¹	Introduction to Health Care Quality and Safety (3)
EPID 573A*	Basic Principles of Epidemiology (3)	EHS 575*	Environmental & Occupational Health (3)
SECOND YEAR			
Fall Semester - (10 units)		Spring Semester - (8 units)	
PHPM 507	Health Care Economics and Policy (3)	PHPM 608A ¹	Public Health Law and Ethics (3)
PHPM 558 OR Elective	Health Care Marketing (3) (Approved by Faculty Mentor) (3)	PHP 580	Integrated Public Health Learning Experience - MPH capstone course (1)
BIOS 576A*	Biostatistics in Public Health (3)	PHP 909**	Master's Report (4)
PHP 909**	Master's Report (1)		
IMPORTANT GUIDELINES			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for PHP 909 – Master's Report: At least 3 MPH core courses (which must include BIOS 576A or EPID 573A).			
¹ This course is only offered in this specific semester (e.g. Fall or Spring).			

This recommended sequencing maximizes in person classes. If you would like to explore other options, please contact Kim Barnes at kjf@arizona.edu.

MPH HSA Recommended Course Sequencing – PHOENIX

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester - (12 units)		Spring Semester - (12 units)	
PHPM 569 ¹	Fundamentals of Health Budgeting & Financial Management (3)	BIOS 576A ^{*2}	Biostatistics for Public Health (3)
EPID 573A ^{*2}	Basic Principles of Epidemiology (3)	PHPM 561 ¹	Introduction to Health Care Quality & Safety (3)
PHPM 558 OR Elective	Health Care Marketing (3) (Approved by Faculty Mentor) (3)	PHP 6411	Health Systems Delivery (3)
PHPM 562 ¹	Health Services Administration (3)	PHPM 574 ^{*2}	Public Health Policy & Management (3)
SECOND YEAR			
Fall Semester - (10-13 units)		Spring Semester - (5-8 units)	
EHS 575 ^{*2}	Environmental & Occupational Health (3)	PHPM 608A ¹	Public Health Law & Ethics (3)
HPS 577 ^{*2}	Sociocultural & Behavioral Aspects of Public Health (3)	PHP 580 [*]	Integrated Public Health Learning Experience - MPH capstone course (1)
PHP 909 ^{**}	Master's Report (1-4)	PHP 909 ^{**}	Master's Report (1-4)
PHPM 507	Health Care Economics and Policy (3)		
IMPORTANT GUIDELINES			
<p>* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.</p>			
<p>** Prerequisites for PHP 909 – Master's Report: At least 3 MPH core courses (which must include BIOS 576A or EPID 573A).</p>			
<p>Main Campus students: This course sequencing utilizes many online core courses. If you want to maximize your campus courses, please contact your MPH Coordinator to discuss alternate options.</p>			
<p>¹ This course is only offered in this specific semester (e.g. Fall or Spring)</p>			
<p>² Online option of this course only available in this specific semester (e.g. Fall or Spring). Course not available in-person In Phoenix.</p>			

Master of Public Health in One Health

Kristen Pogreba-Brown, PhD, MPH - Faculty Lead

The MPH in One Health is offered as a MEZCOPH interdisciplinary concentration administered through the [Department of Epidemiology and Biostatistics](#). The One Health paradigm recognizes that multi-disciplinary efforts at the intersection between humans, animals and their respective environments are needed to solve complex diseases and public health concerns.

These approaches to understanding disease can be visible at the local level but also are needed at a global level. The MPH in One Health will train students in the theory and application of utilizing One Health approaches to address complex public health challenges. Expertise is drawn from all three MEZCOPH departments as well as Colleges and Schools across the University.

The One Health curriculum focuses on the interconnectedness of health among human, animal and environmental systems and how to work within a multi-disciplinary team. The most important aspects of working under this model are Collaboration and Partnership; Informatics and Data Management; Culture, Beliefs, Values and Ethics; Leadership; Management; Policy, Advocacy and Regulation; and Systems Thinking – all of which are embedded concepts and competencies in our core MPH courses, required courses and various recommended electives. The MPH in One Health program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduation from the program.

MPH – One Health Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
EPID 580	Integrated Public Health Learning Experience - MPH capstone course (1)

Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED ONE HEALTH COURSES - (17 units)

EPID/EHS 545	One Health Foundations (3)
EPID 660	Infectious Disease Epidemiology (3)
EHS 525	A Public Health Lens to Climate Change (3)
EPID 679	One Health Applications and Practice (3)
EPID 596D	Public Health Experience – Student Epidemiology Response Team (SAFER) (2)
EPID 909	Master's Report (3)

REQUIRED SELECTIVES - (9 units)

Students must take at least one course from each of the three areas: **HUMAN, ANIMAL/PATHOGEN, and ENVIRONMENT**. The list of required selectives can be found the following pages and on the College of Public Health's [website](#) under the One Health MPH page.

Total Required Credit Hours: 42

MPH One Health Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
Fall Semester - (12 units)		Spring Semester - (11 units)	
EPID 573A*	Basic Principles of Epidemiology (3)	EHS 525 ²	A Public Health Lens to Climate Change (3)
BIOS 576A*	Biostatistics in Public Health (3)	EPID 596D ²	Public Health Experience – Student Epidemiology Response Team (SAFER) (2)
EHS/EPID 545 ¹	One Health Foundations (3)	One Health Selective	Human, Animal, or Environmental (3)
PHPM 574*	Public Health Policy & Management (3)	HPS 577*	Social & Behavioral Aspects of Public Health (3)
		Master’s Report Preparation Workshop (required; non-credit)	
Summer Session following First Year			
Begin EPID 909 Master’s Report (1-2; typically 1) ** (To conduct the Report, you must be enrolled.) One Health Selective - Human, Animal, or Environmental (3) – optional			
SECOND YEAR			
Fall Semester - (10-12 units)		Spring Semester - (7-9 units)	
EHS 575 ¹ (online)	Environmental and Occupational Health (3)	EPID 660	Infectious Disease Epidemiology (3)
One Health Selective	Human, Animal, or Environmental (3)	EPID 679 ²	One Health Applications and Practice (3)
One Health Selective	Human, Animal, or Environmental (3)	EPID 909**	Master’s Report (1-3)
EPID 909**	Master’s Report (0-2)		
EPID 580	Integrated Public Health Learning Experience - MPH capstone course (1)		
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student’s final term in the program when writing your APE Final Report.			
** Prerequisites for EPID 909 – Master’s Report: At least 3 MPH core courses before enrolling. EPID 909 typically is taken in multiple semesters with the credit hours split across semesters. Note: The final report may not be completed until the semester following the completion of all five MPH core courses			
¹ This course is offered both fall and spring semesters			
² This course only offered in this specific semester; not in both fall and spring semesters. EHS/EPID 545 is a prerequisite for EPID 679.			

One Health Required Selectives

Effective for those following the 2026/2027 academic curriculum guide

Students must take **at least** one course from **each** of the three areas (Human, Animal, Environment)
Please check prerequisites when planning semester course selection.

Course	Semester Typically Offered*	Units
HUMAN		
HPS 533 Global Health	Spring	3
EPID 606 Changing Health Policy: Cultural Understanding & Epi Analysis	Spring	4
EHS 551 Systems Thinking in One Health	Spring	3
HPS 534 Infectious Diseases, Global Health and Development	Spring (online)	3
AREC/ECON 516 Microeconomics of Economic Development	Fall	3
EHS 546 One Health Approach and Cases Studies	Fall	3
EHS/AIS 528 Indigenous Research and Ethics	Fall	3
EHS 526 Topics in Environmental Justice	Fall	3
CPH 502 Climate Change and Health (Online)	Summer	3
ANIMAL/ PATHOGEN		
EHS 539A Outbreaks and Environmental Microbiology: Then to Now	Summer	3
MIC 530 Food Microbiology and Biotechnology	Spring	3
IMB 520 Pathogenic Bacteriology	Fall	3
ACBS 549 Diseases of Wildlife	Fall	3
ACBS 505 Principles of Livestock Health Management	Spring	3
ECOL 557 Medical Veterinary Entomology	Spring	3
ACBS 519 General Immunological Concepts	Fall	4
WFSC 553 Wildlife and Zoonotic Disease Ecology	Spring	3
ENVIRONMENT		
RNR 558 Ecosystem Ecology and a Sustainable Future	Spring	3
RNR 540 Climate Change Adaptation: Perspectives at the Nexus of Science, Society and Resource Management	Fall/ Spring	3
EHS 610 Lifecourse Epidemiology of Environmental Exposures	Fall	3
RNR 580 Natural Resources Policy and Law	Spring	3
RNR 582 Managing to Collaborate on Environmental and Natural Resources Conflicts	Spring	3
EHS 520 Environmentally Acquired Illnesses	Spring	3
EHS/PCOL 553 Toxicology and Chemical Exposure	Spring (even years)	3
NOTES		
* Consult the UA schedule of classes and catalog for further details on the current course offering schedule and specific course requirements.		

Master of Public Health in Public Health Practice and Policy

Bryna Koch, DrPH - Program Director

The Master of Public Health in [Public Health Practice and Policy](#) (PHPP) is an interdisciplinary College-wide program available on both the Tucson and Phoenix campuses. This program prepares students to develop the public health skills needed to work in a variety of governmental and non-governmental settings including the local, county and state departments of health, the Indian Health Service, Medicaid and Medicare programs, hospitals, and community health centers.

Students learn to work effectively as part of multidisciplinary teams to develop, manage and evaluate public health programs and policies. Students obtain additional skills in the administration and fiscal management of public health programs.

The Public Health Practice and Policy concentration is a hybrid program geared toward students who are excited to enroll in courses that utilize a combination of asynchronous and live classes.

Course work includes subject matter in the core areas of public health:

- Epidemiology
- Biostatistics
- Environmental and occupational health
- Public health policy and management
- Socio-cultural and behavioral aspects of public health

The MPH in Public Health Practice and Policy program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program.

MPH – Public Health Practice and Policy Curriculum & Recommended Course Sequencing

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
PHP 580	Integrated Public Health Learning Experience - MPH capstone course (1) Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**Documentation required**; non-credit)

REQUIRED PHPP COURSES - (20 units)

PHPM 569	Fundamentals of Health Budgeting & Financial Management (3)
PHP 641	Health Systems Delivery (3)
or PHP 510	The US Health Care System (3)
PHPM 617	Advanced Public Health Policy Analysis (3)
PHPM 696P	Public Health Policy and Management Field Seminar (2)
HPS 529	Project Design & Implementation (3)
or PHPM 564	Science of Health Disparities (3)
597	Service Learning Course (1) (Various options offered by the College of Public Health)
PHP 909	Master's Report (5)

ELECTIVES (*minimum 6 units*)

Any COPH 500 Level or higher course other course approved by faculty mentor

Total Required Credit Hours: 42

MPH PHPP Recommended Course Sequencing – PHOENIX

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
First Semester - (9-12 units)		Spring Semester - (9-13 units)	
PHPM 569 ¹	Fundamentals of Health Budgeting & Financial Management (3)	PHPM 574* ²	Public Health Policy & Management (3)
EPID 573A*	Basic Principles of Epidemiology (3)	BIOS 576A* ¹	Biostatistics in Public Health (3)
HPS 529 ^{1,3}	Project Design & Implementation (3)	PHP 641 ¹	Health Systems Delivery (3)
HPS 577* ² OR EHS 575* ²	Sociocultural & Behavioral Aspects of Public Health (3) Environmental & Occupational Health (3)	PHP 564 ^{1,3}	Science of Health Disparities (3)
		597	Service Learning (1)
SECOND YEAR			
Fall Semester - (9-10 units)		Spring Semester - (11 units)	
HPS 577* ² OR EHS 575* ²	Sociocultural & Behavioral Aspects of Public Health (3) Environmental & Occupational Health (3)	PHPM 617 ¹	Advanced Public Health Policy Analysis (3)
PHP 909**	Master's Report (3)	PHP 696P ¹	Public Health Policy and Management Field Seminar (2)
Elective	(Approved by Faculty Mentor) (3)	PHP 909**	Master's Report (2)
597	Service Learning (1)	PHP 580	Integrated Public Health Learning Experience - MPH capstone course (1)
		Elective	(Approved by Faculty Mentor) (3)
IMPORTANT GUIDELINES			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for PHP 909 – Master's Report: At least 3 MPH core courses (which must include BIOS 576A or EPID 573A).			
# Service Learning courses (597 A-G & S) can be taken from other programs within the College of Public Health with course prefixes of HPS, EPID, PHP, or PHPM. Various service-learning courses are offered each semester, and the course may be taken any semester.			
¹ This course is only offered in this specific semester (e.g. Fall or Spring)			
² Online option of this course only available in this specific semester (e.g. Fall or Spring). Course not available in person in Phoenix			
³ Students are required to take either HPS 529 or PHP 564. Both courses are not required.			

MPH PHPP Recommended Course Sequencing – TUCSON

Effective for those following the 2026/2027 academic curriculum guide

FIRST YEAR			
First Semester - (9-12 units)		Spring Semester - (9-13 units)	
PHPM 569 ¹	Fundamentals of Health Budgeting & Financial Management (3)	PHP 641 ¹	Health Systems Delivery (3)
EPID 574	Public Health Policy & Management (3)	HPS 577* ²	Sociocultural & Behavioral Aspects of Public Health (3)
BIOS 576A* ²	Biostatistics in Public Health (3)	EHS 575* ²	Environmental & Occupational Health (3)
HPS 529 ^{1,3}	Project Design & Implementation (3)	PHP 564 ^{1,3}	Science of Health Disparities (3)
		597 [#]	Service Learning (1)
SECOND YEAR			
Fall Semester - (9-10 units)		Spring Semester - (11 units)	
EPID 573A*	Basic Principles of Epidemiology (3)	PHPM 617 ¹	Advanced Public Health Policy Analysis (3)
PHP 909**	Master's Report (3)	PHP 696P ¹	Public Health Policy and Management Field Seminar (2)
Elective	(Approved by Faculty Mentor) (3)	PHP 909**	Master's Report (2)
597	Service Learning (1)	PHP 580	Integrated Public Health Learning Experience - MPH capstone course (1)
		Elective	(Approved by Faculty Mentor) (3)
IMPORTANT GUIDELINES			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for PHP 909 – Master's Report: At least 3 MPH core courses (which must include BIOS 576A or EPID 573A).			
# Service Learning courses (597 A-G & S) can be taken from other programs within the College of Public Health with course prefixes of HPS, EPID, PHP, or PHPM. Various service-learning courses are offered each semester, and the course may be taken any semester.			
¹ This course is only offered in this specific semester (e.g. Fall or Spring)			
² Online option of this course only available in this specific semester (e.g. Fall or Spring). Course not available in person in Phoenix			
³ Students are required to take either HPS 529 or PHP 564. Both courses are not required.			

This recommended sequencing maximizes in person classes. If you would like to explore other options, please contact Kim Barnes at kjf@arizona.edu.

Online Master of Public Health

Christina Cutshaw, PhD- Director, Online Programs

The online MPH curriculum combines a strong foundation in the core principles of public health with the option to choose one of three distinct concentrations. These concentrations reflect the most vital areas of public health and prepare students for in-demand careers. These concentrations are not light forays into each discipline, in fact, they make up exactly half of the course work in the 42-credit program. In as few as two years you can graduate with the skills and expertise to be a leader in public health.

The MPH program is a year-round program; full-time online students generally take two courses a semester in 7.5 week sessions. Credits may increase as internship units are added in year two of the program. MPH students are required to select one of the six concentration areas: Applied Epidemiology, Climate Change and Health, Global Health, Health Services Administration, Health Behavior Health Promotion, or Population, Aging, and Long term Care. Each of the online MPH concentrations have program level competencies detailed on the [program website](#). These define professional skills that students are expected to acquire upon graduation.

MPH – Applied Epidemiology (Online Campus) Curriculum

Effective for those following the 2026/2027 academic curriculum guide

This concentration provides a background for individuals interested in the causes and prevention of human disease. The curriculum provides systematic training in measuring and studying the distribution, characteristics and causes of disease across demographics. Epidemiology is a fundamental science of public health and is essential for students whose careers will focus on conducting investigator-initiated and collaborative epidemiologic research.

REQUIRED CORE COURSES - (19 units)

PHPM 569	Fundamentals of Health Budgeting & Financial Management (3)
EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
EPID 580	Public Health Integrated Learning Experience - MPH capstone course (1)
Master's Report Preparation Workshop (required ; non-credit; semester before internship begins)	
Interprofessional Education Activities (documentation required ; non-credit)	

REQUIRED APPLIED EPIDEMIOLOGY COURSES - (23 units)

EPID 555	Introduction to Maternal & Child Health Epidemiology (3)
EPID 572B	Applied Epidemiologic Method (3)
EPID 572C	Analysis of Public Health Data (3)
BIOS 576B	Biostatistics for Research (3)
EPID 579	Applied Infectious Disease Epidemiology (3)
HPS 628	Public Health Research & Evaluation (3)
EPID 909	Master's Report (5)

Total Required Credit Hours: 42

MPH – Health Services Administration (Online Campus) Curriculum

Effective for those following the 2026/2027 academic curriculum guide

This concentration offers a combination of public health and health care administration classes that provides students with a multifaceted understanding of the administrative and business aspects of health care. Use the skills learned in the curriculum to pursue leadership roles in both governmental and non- governmental settings.

REQUIRED CORE COURSES - (19 units)

PHPM 569	Fundamentals of Health Budgeting & Financial Management (3)
EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
PHP 580	Public Health Integrated Learning Experience - MPH capstone course (1)

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED COURSES - (23 units)

PHPM 507	Health Care Economics & Policy (3)
PHPM 558	Health Care Marketing (3)
PHPM 561	Introduction to Health Care Quality & Safety (3)
PHPM 562	Health Services Administration (3)
PHPM 608A	Public Health Law and Ethics (3)
PHP 641	Health Systems Delivery (3)
PHP 909	Master's Report (5)

Total Required Credit Hours: 42

MPH – Health Behavior Health Promotion (Online Campus) Curriculum

Effective for those following the 2026/2027 academic curriculum guide

This concentration provides students with the opportunity to acquire the knowledge and skills that are essential for the promotion of health and prevention of disease in culturally diverse populations. The curriculum examines the factors that influence health. The concentration can improve the quality of life around you. Learn to plan education strategies and evaluate their effectiveness. Promote healthier lifestyles in culturally diverse populations around the world.

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
HPS 580	Integrated Public Health Learning Experience - MPH capstone course (1)

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)
Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED COURSES - (26 units)

HPS 531	Contemporary Health Issues & Research (3)
HPS 532P	Planning of Public Health Programs (3)
HPS 532E	Evaluation of Public Health Programs (3)
HPS 535	Multicultural Health Benefits (3)
PHPM 569	Fundamentals of Health Budgeting & Financial Management (3)
HPS 628	Public Health Research & Evaluation (3)
HPS 642	Public Health Communications (3)
HPS 909	Master's Report (5)

Total Required Credit Hours: 42

MPH – Global Health (Online Campus) Curriculum

Effective for those following the 2026/2027 academic curriculum guide

The Global Health concentration provides students with a curriculum that addresses the history and current status of the socioeconomic, cultural, political and physiological issues that affect health in a global setting. Course work in Global Health emphasizes core public health skills, qualitative and quantitative research methods, proposal development, monitoring and evaluation, history of global response to health issues, and an in-depth understanding of determinants of health.

REQUIRED CORE COURSES - (19 units)

HPS 533	Global Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural and Behavioral Aspects of Public Health (3)
EHS 575	Environmental and Occupational Health (3)
EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy and Management (3)
HPS 580	Integrated Public Health Learning Experience- MPH Capstone Course (1)

Master's Report Preparation Workshop (required; non-credit; semester before internship begins)
Interprofessional Education Activities (documentation required; non-credit)

REQUIRED COURSES - (23 units)

EHS 525	A Public Health Lens to Climate Change (3)
HPS 529	Project Design and Evaluation in Global Health (3)
HPS 560	International Nutrition (3)
PHPM 569	Fundamentals of Health Budgeting and Financial Management (3)
HPS 577	Global Maternal Health: Cultural Perceptions and Policy Approaches (3)
HPS 635 OR	Applied Field Methods in Global Health Nutrition (3)
HPS 559	Management of Global Public Health Emergencies (3)
HPS 909	Master's Report (5)

Total Required Credit Hours: 42

MPH – Population Aging and Long-term Care (Online Campus) Curriculum

Effective for those following the 2026/2027 academic curriculum guide

The curriculum will comprise courses that respond to, and keep pace with, real-world healthcare programs for older adults. Designed to simultaneously prepare students to address and respond to healthy population aging from a public health perspective, the program will prepare graduates for a variety of careers in the aging industry and increase the number of public health-trained professionals in the aging and long-term care workforce.

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
EPID 580	Public Health Integrated Learning Experience - MPH capstone course (1)
Master's Report Preparation Workshop (required ; non-credit; semester before internship begins)	
Interprofessional Education Activities (documentation required ; non-credit)	

REQUIRED POPULATION AGING AND LONG-TERM CARE COURSES - (12 units)

PHP 536	Aging, Environment and Well-being (3)
PHP 537A	Management and Leadership in Long-term Care (3)
PHP 524	Optimizing Well-being and Resilience for Older Adults (3)
EPID 554	Healthy Aging in Action (3)

ELECTIVE COURSES - (12 units)

PHP 537B	Operations and Services in Long-term Care Facilities (3)
PHPM 569	Fundamentals of Health Budgeting and Financial Management (3)
PHP 519	Alzheimer's Disease and Other Dementias and Public Health (3)
PHP 608A	Public Health Law and Ethics (3)

Total Required Credit Hours: 40

MD/MPH

(Main and Phoenix Campuses)

This program is designed to train future leaders in Public Health and clinical medicine and to prepare future clinicians for community-engaged, evidence-based, and socially responsible medical practice. These goals are achieved in an interprofessional setting that emphasizes respect for people of all ages, genders, ethnicities, cultures, and national origins. Students' pursuit of knowledge and preparation for leadership will be guided by academic and clinical mentors who foster inquisitiveness, open-mindedness, compassion, and resilience. The dual degree programs provide medical students with additional training in all the core public health competencies. The curricula are intended to enhance the graduate's ability to provide high quality medical care by using public health knowledge and skills to plan, implement, and evaluate policies that affect the health of communities. These skills complement the pathophysiologic, diagnostic, and therapeutic training needed to treat individual patients, provided by the Colleges of Medicine.

MD/MPH – Main and Phoenix Campuses

Dual Degree with Clinical Leadership

Effective for those following the 2026/2027 academic curriculum guide

The MD/MPH Clinical Leadership Degree comprises 42 units of coursework and experiential learning that leads to a Master’s of Public Health in Clinical Leadership. The MPH requirements are summarized below:

MPH Clinical Leadership

MINIMUM CREDIT REQUIREMENTS – (42 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
PHPM 580	Integrated Public Health Learning Experience - MPH capstone course (1)
PHPM 570	Issues and Trends in Public Health (3)
PHP 572	Applied Public Health Practice (3)
PHPM 696I	Clinical Leadership and Administration (4)
PHPM 909	Master’s Report (5)
Electives (11) - MEDP 802 (2) and (9) Chosen in consultation with your faculty mentor	

Master’s Report Preparation Workshop (**required**; non-credit)

Interprofessional Education Activities (**documentation required**; non-credit)

Total Required Credit Hours: 42

to complete the MPH degree in the Clinical Leadership concentration
(in addition to the medical school curriculum)

MPH/MA Latin American Studies

The MPH/MA Dual Degree Program allows students to earn a Master of Public Health and a Master of Arts degree in Latin American Studies (LAS). This dual degree program offers students the opportunity for interdisciplinary study allowing them to customize their dual degree by selecting one of 10 MPH concentration areas and by taking electives addressing issues relevant to Latin American populations. All MPH concentration areas have a minimum of 42 units (with the exception of the EOH – Industrial Hygiene track, which requires a minimum of 45 units). A minimum of 50% of credit hours must be unique to each degree and cannot be used for dual credit, and a maximum of 15 units may be shared between the MPH and LAS degrees. Students work with academic advisors in both programs to determine their specific course requirements.

MPH/MA – Latin American Studies

Effective for those following the 2026/2027 academic curriculum guide

Latin American Studies (LAS) MA Requirements - (36+ graduate units)

LAS 500 Introduction to Latin American Studies (3)

LAS 550 Research Methods Course (required for students completing thesis)

or Interdisciplinary Seminar Course approved by LAS advisor (3)

Courses from primary discipline or thematic area (identified by student with LAS advisor approval) for a total of 15 units.

International public health courses with assignments focusing on Latin America or U.S. – Mexico border (9 units)

Thesis or Public Health/LAS Internship – 6 units to be completed through: 6 unit thesis or 3 – 6 units Public Health/LAS Master’s Report “Internship” and/or approved elective course work. (6 units)

Language requirement met by Spanish 330 and Portuguese 305 or Spanish 251 and Portuguese 325 or equivalency exam.

Please note: Language credits do not count toward the 36 total unit requirement for LAS.

Master in Public Health Requirements - (minimum of 42 units)

CORE COURSES - (16 units)

EPID 573A Basic Principles of Epidemiology (3)

PHPM 574 Public Health Policy & Management (3)

EHS 575 Environmental & Occupational Health (3)

BIOS 576A Biostatistics in Public Health (3)

HPS 577 Sociocultural & Behavioral Aspects of Public Health (3)

* 580 Integrated Public Health Learning Experience - **MPH capstone course** (1)

PHPM 909 Master’s Report (3-6 units)**

Master’s Report Preparation Workshop (**required**; non-credit; semester before internship begins)

Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED CONCENTRATION COURSES - (11 - 23 units)**

The list of required courses can be found in this curriculum guide listed under each of the MPH disciplines. These requirements may change from year to year and are specific to the year of acceptance into the MPH program.

ELECTIVES - (3-12 units, approved by Faculty Mentor) **

* 909 Master’s Report units and the 580 Integrated Public Health Learning Experience course unit can be taken from programs within the College of Public Health with course prefixes of HPS, EHS, EPID, BIOS, PHP, or PHPM.

**The number of units and prerequisite courses varies based on the MPH concentration. A maximum of 15 units may be shared between the MPH and LAS degrees.

MPH/MS

Mexican American Studies

The MPH/MS Dual Degree Program allows students to earn a Master of Public Health and a Master of Science degree in Mexican American Studies. Students gain an advanced understanding of the Mexican American and Latino populations in the United States that prepares them to develop culturally-competent public health programs and policies targeting Latinos. This program provides subject and research competency on Mexican Americans as well as applied skills for working professionals and graduate students interested in better serving the Mexican American population of the Southwest. This dual degree program offers students the opportunity for interdisciplinary study allowing them to customize their dual degree by selecting one of 10 MPH concentration areas and by taking electives addressing issues relevant to Mexican American and Latino populations. The minimum number of required units varies based on the MPH concentration. A minimum of 50% of credit hours must be unique to each degree and cannot be used for dual credit. Students work with academic advisors in both programs to determine their specific course requirements.

MPH/MS – Mexican American Studies

Effective for those following the 2026/2027 academic curriculum guide

Mexican American Studies MS Requirements - (33 units)

Thirty-three (33) units are required for the MS in Mexican American Studies: a minimum of 21 core units, 6 elective units from the Latino Health and Wellness Strand, and the choice of a 6-unit thesis or 6 units of electives and an oral examination.

CORE COURSES - (21 units)

MAS 508 The Mexican American: A Cultural Perspective (3) (Fall)

MAS 509 Mexican Immigration (3) (Spring)

MAS 525 Latino Health Disparities (3) (Fall)

MAS 566 Decolonial Chicana Theory (3) (Fall)

MAS 580A Advanced Research Methods on Latinos (3) (Spring)

MAS 535 Mexican Traditional Medicine (3)

or MAS 505 Traditional Indian Medicine (3)

MAS Course based on student's specialization (3)

ELECTIVE COURSES - (minimum 6 units, approved by Faculty Advisor)

THESIS OR EXAMINATION OPTION - (6 units)

Master in Public Health Requirements - (minimum of 42 units)

CORE COURSES - (16 units)

EPID 573A Basic Principles of Epidemiology (3)

PHPM 574 Public Health Policy & Management (3)

EHS 575 Environmental & Occupational Health (3)

BIOS 576A Biostatistics in Public Health (3)

HPS 577 Sociocultural & Behavioral Aspects of Public Health (3)

* 580 Integrated Public Health Learning Experience - **MPH capstone course** (1)

Master's Report Preparation Workshop (**required**; non-credit; semester before project begins)

Interprofessional Education Activities (**documentation required**; non-credit)

* **909 Master's Report (3-6 units)****

REQUIRED CONCENTRATION COURSES - (11 - 23 units) **

The list of required courses can be found in this curriculum guide listed under each of the MPH disciplines. These requirements may change from year to year and are specific to the year of acceptance into the MPH program.

ELECTIVES - (3-12 units, approved by Faculty Mentor) **

* 909 Master's Report units and the 580 Integrated Public Health Learning Experience course unit can be taken from programs within the College of Public Health with course prefixes of HPS, EHS, EPID, BIOS, PHP, or PHPM.

** The number of units and prerequisite courses varies based on the MPH concentration. A minimum of 50% of credit hours must be unique to each degree and cannot be used for dual credit.

JD/MPH Law

The JD/MPH Dual Degree Program is offered jointly by the University of Arizona College of Law and the Mel and Enid Zuckerman College of Public Health. The dual degree program allows a student to earn a Juris Doctor degree (JD) and a Master of Public Health (MPH). The objective of the program is to support and encourage individuals with an interest in public health studies in the development of interdisciplinary knowledge and skills in preparation for a career in health law, public health policy, or a related field. The Law and Public Health (JD/MPH) dual degree is designed to train leaders in the field of public health law.

This dual degree program offers students the opportunity for interdisciplinary study allowing them to customize their dual degree by selecting one of **10 MPH concentration areas** and by taking electives addressing issues relevant to public health law. Graduates are prepared for positions in a variety of settings, including work in a health law or environmental section of a law firm, positions in local, state, and federal government, research or advocacy jobs in nongovernmental organizations, or posts in academia.

Students in the program fulfill all requirements necessary to earn a JD from the College of Law and an MPH from MEZCOPH and complete the separate requirements for the JD and MPH degrees in four years (the program is open only to full-time students). The preferred sequence of courses for dual degree students is to be full time in the College of Law for the first year, then complete the first year of the Master of Public Health program during the second year, or vice-versa, before taking courses from both programs simultaneously. Following completion of the first year of study of each program, a student may take both Law and Master of Public Health courses simultaneously, to complete both degrees. Students will work with their advisors to determine how they can coordinate their class schedules to meet both degree requirements. This will vary by the student's concentration area of study.

JD/MPH – Law

Effective for those following the 2026/2027 academic curriculum guide

Juris Doctor (J.D.) Requirements

The College of Law offers an interdisciplinary Juris Doctor degree. Students may apply up to 15 units of MPH credit to the JD degree and must earn a total of 112 units combined between the programs. Students work with an advisor in the College of Law to determine their specific course requirements. The JD/MPH is typically a four-year program.

Master in Public Health Requirements - (*minimum of 42 units*)

The Mel and Enid Zuckerman College of Public Health offers an interdisciplinary Master's program in Public Health. Students need a minimum of 42 units, in order to complete the MPH degree (in addition to the law school curriculum).

CORE COURSES - (*16 units*)

EPID 573A Basic Principles of Epidemiology (3)

PHPM 574 Public Health Policy & Management (3)

EHS 575 Environmental & Occupational Health (3)

BIOS 576A Biostatistics in Public Health (3)

HPS 577 Sociocultural & Behavioral Aspects of Public Health (3)

* 580 Integrated Public Health Learning Experience - **MPH capstone course** (1)

Master's Report Preparation Workshop (required; non-credit; semester before project begins)

Interprofessional Education Activities (**documentation required**; non-credit)

* **909 Master's Report** (*3-6 units*)**

REQUIRED CONCENTRATION COURSES - (*11 - 23 units*)**

The list of required courses can be found in this curriculum guide listed under each of the MPH disciplines. These requirements may change from year to year and are specific to the year of acceptance into the MPH program.

ELECTIVES - (*3-12 units, approved by Faculty Mentor*) **

*909 Master's Report units and the 580 Integrated Public Health Learning Experience course unit can be taken from programs within the College of Public Health with course prefixes of HPS, EHS, EPID, BIOS, PHP, or PHPM.

**The number of units and prerequisite courses varies based on the MPH concentration. A minimum of 50% of credit hours must be unique to each degree and cannot be used for dual credit. Tuition and Fees: Tuition and fees vary by program. Please contact both programs to better governed by University Policy found at

grad.arizona.edu/funding/costs.

MPH/MBA Business Administration

The MPH/MBA Dual Degree Program is offered in partnership by the University of Arizona Mel and Enid Zuckerman College of Public Health and the Eller College of Management. The MPH/MBA dual degree program allows students to earn a Master of Public Health (MPH) and a Master of Business Administration (MBA) degree aimed to provide leadership and management training for the health services industry at the local, national and international levels.

This dual degree program offers students the opportunity for interdisciplinary study by allowing them to customize their dual degree by selecting one of **10 MPH concentration areas** which offer comprehensive knowledge and competencies in the public health sciences (health behavior and health promotion, family and child health, public health policy and management, health services administration, biostatistics, epidemiology, environmental health sciences) and state-of-the-art business practices (finance, accounting and marketing combined with strategic thinking, entrepreneurship and value-based management). The program prepares graduates to transfer strategic thinking, scientific know-how and leadership and managerial skills to rapidly changing environments and global health challenges in the 21st century. Graduates are prepared for work in health industry leadership positions, including health care marketing, healthcare consulting, hospital administration, managed care, biotechnology, healthcare related non-profit work or positions in academia.

Students in the MPH/MBA dual degree program complete the separate requirements for the MPH and MBA degrees in three years upon the completion of a minimum of 75-79 units in Public Health and Business Administration (the program is open only to full-time students). The preferred sequence of courses is for dual degree students to start full time in the Eller College of Management for the first year, then complete the first year of the Master of Public Health program during the second year of studies, then courses from both programs simultaneously in the third year. Following completion of the first year of study of each program, a student may take both MPH and MBA courses simultaneously, to complete both degrees. Students will work with their advisors to determine how they can coordinate their class schedules to meet both degree requirements. This will vary by the student's concentration area of study within the MPH Program. The concentrations most easily coordinated with the MBA are Public Health Policy and Management, Health Behavior Health Promotion, and Biostatistics. Although, all MPH and most MBA concentrations are possible.

MPH/MBA – Business Administration

Effective for those following the 2026/2027 academic curriculum guide

Master of Business Administration (MBA) Requirements

The Eller College of Management offers a Master of Business Administration degree. Admitted students will need a minimum of 48 graduate units to successfully complete the MBA degree program. Students must be enrolled for full academic year as an MBA student.

CORE COURSES - (32 units)

Students will take courses in Accounting, Economics, Finance, Management, Marketing, Management Information Systems, as well as Business Communication, complete an MBA consulting project, and participate in a Global Business Experience to an emerging or developing economy.

ELECTIVES - (16 units)

Course selection to be completed in coordination with the MBA academic advisor.

Master in Public Health Requirements - (minimum of 42 units)

The Mel and Enid Zuckerman College of Public Health offers an interdisciplinary Master's program in Public Health. Students need a minimum of 42 units, in order to complete the MPH degree (in addition to the required MBA curriculum).

CORE COURSES - (16 units)

EPID 573A Basic Principles of Epidemiology (3)

PHPM 574 Public Health Policy & Management (3)

EHS 575 Environmental & Occupational Health (3)

BIOS 576A Biostatistics in Public Health (3)

HPS 577 Sociocultural & Behavioral Aspects of Public Health (3)

* 580 Integrated Public Health Learning Experience - **MPH capstone course** (1)

Master's Report Preparation Workshop (**required**; non-credit; semester before project begins)

Interprofessional Education Activities (**documentation required**; non-credit)

* **909 Master's Report (3-6 units)****

REQUIRED CONCENTRATION COURSES - (11 - 23 units)

The list of required courses can be found in this curriculum guide, and also on the MPH [website](#), listed under each of the MPH disciplines. These requirements may change from year to year and are specific to the year of acceptance into the MPH program.

ELECTIVES - (3-12 units, approved by Faculty Mentor)**

*909 Master's Report units and the 580 Integrated Public Health Learning Experience course unit can be taken from programs within the College of Public Health with course prefixes of HPS, EHS, EPID, BIOS, PHP, or PHPM.

**The number of units and prerequisite courses varies based on the MPH concentration. A minimum of 50% of credit hours must be unique to each degree and cannot be used for dual credit. In summary, a student enrolled in the dual degree program may count 14-21 units depending on the concentration, toward both degrees.

Tuition and Fees: Tuition and fees vary by program. Please contact both programs to better understand what your annual tuition and fees will be for each academic year. Charges are governed by the UA Policy:

grad.arizona.edu/funding/costs/differential-tuition-dual-degrees

PharmD/MPH Pharmacy

The Doctor of Pharmacy/Master of Public Health (PharmD/MPH) is offered jointly by the University of Arizona College of Pharmacy and the Mel and Enid Zuckerman College of Public Health. The dual degree program allows students to simultaneously earn a Doctor of Pharmacy (PharmD) and a Master of Public Health (MPH). This PharmD/MPH combines the complementary strengths of the College of Pharmacy and the Zuckerman College of Public Health to provide students with an integrated curriculum focusing on knowledge and ingenuity in the delivery of pharmaceutical care within the broader population based public health environment.

Dual Degree Requirements:

PharmD/MPH dual degree applicants must meet the application deadlines, testing requirements, and submit program fees to each program independently. Dual degrees refer to a formal, approved program for a student to earn two degrees simultaneously. Dual degrees allow flexibility and encourage interdisciplinary work. Since both degrees already exist, the approval process is minimal. The minimum requirements for dual degrees are:

1. Students must apply to and be accepted into both programs individually and separately.
2. Students must meet all the requirements for both degrees, and
3. Students must be enrolled for a minimum of two semesters as an MPH student.

Students enrolled in the dual degree program complete the separate requirements as an integrated curriculum taking courses for the PharmD and MPH degrees during the same semesters. This can allow students to complete both degrees within 5 years of study (at least one year sooner than pursuing the degrees separately), if they are full-time students. In order to facilitate a streamlined combined program there will be acceptance of up to 21-22 units toward both degrees (contact the MPH and PharmD Advisors for information about these course units). Students will have to work with their advisors to determine how they can coordinate their class schedules to meet both degree requirements. This will vary by the student's MPH concentration area of study within the MPH Program.

This dual degree program consists of the PharmD curriculum and any one of the MPH concentration areas. The concentration areas most easily coordinated include:

- Biostatistics
- Epidemiology
- Health Behavior and Promotion
- Public Health Policy and Management

The Master of Public Health (MPH) also has concentration areas in Environmental and Occupational Health; Family and Child Health; Health Services Administration; One Health and Public Health Practice. Students may consider these concentrations; however, the coordination with the PharmD may be more difficult.

Depending on the student's choice of concentration within the MPH, the dual degree program could lead to a wide variety of career options. PharmD/MPH degree graduates may assume leadership roles in practice, health policy, governmental and non-governmental agencies, and research and academic institutions. Students will be provided with the expertise and competencies essential to provide care and services, in order to promote the health and wellbeing of local and global communities.



PharmD/MPH- Pharmacy

Effective for those following the 2026/2027 academic curriculum guide

Doctor of Pharmacy Requirements

The College of Pharmacy requires eight units of professional electives (non-practicum) and 15 units of practicum electives for the PharmD program. Total units for the PharmD Program is 142 units.

Master in Public Health Requirements - (*minimum of 42 units*)

The Mel and Enid Zuckerman College of Public Health offers an interdisciplinary Master's program in Public Health. Students need a minimum of 42 units, in order to complete the MPH degree (in addition to the required PharmD curriculum).

CORE COURSES - (*16 units*)

EPID 573A Basic Principles of Epidemiology (3)

PHPM 574 Public Health Policy & Management (3)

EHS 575 Environmental & Occupational Health (3)

BIOS 576A Biostatistics in Public Health (3)

HPS 577 Sociocultural & Behavioral Aspects of Public Health (3)

* 580 Integrated Public Health Learning Experience - **MPH capstone course** (1)

Master's Report Preparation Workshop (**required**; non-credit; semester before project begins)

Interprofessional Education Activities (**documentation required**; non-credit)

* 909 Master's Report (*3-6 units*)**

(up to 6 units; the number of units and prerequisite courses varies based on the MPH concentration).

Four units of Pharmacy Practice Project can count toward 6 units of 909. Students are required to present projects at MEZCOPH and during the College of Pharmacy poster day.

REQUIRED CONCENTRATION COURSES - (*18 - 27 units*)**

Each MEZCOPH concentration has an additional group of required courses and electives to make up the minimum required MPH units noted above (between 18 and 27 units). See the MEZCOPH Academic Curriculum Guide, for these MPH courses listed under each concentration area.

* 909 Master's Report units and the 580 Integrated Public Health Learning Experience course unit can be taken from programs within the College of Public Health with course prefixes of HPS, EHS, EPID, BIOS, PHP, or PHPM.

**The number of units and prerequisite courses varies based on the MPH concentration. A minimum of 50% of credit hours must be unique to each degree and cannot be used for dual credit.

Tuition and Fees: Tuition and fees vary by program. Please contact both programs to better understand what your annual tuition and fees will be for each academic year. Charges are governed by the UA Policy:

grad.arizona.edu/funding/costs/differential-tuition-dual-degrees

Master of Science in Biostatistics and Health Data Science

Paul Hsu, PhD - Program Director

The Master of Science in Biostatistics and Health Data Science is offered by the [Department of Epidemiology and Biostatistics](#). The educational objective is to prepare individuals to work effectively as applied biostatisticians/data scientists in a variety of public health, epidemiological and clinical research settings. The MS in Biostatistics and Health Data Science program level competencies on the [program website](#) define professional skills that students are expected to acquire upon graduating from the program.

The difference between the MS and MPH concentration in Biostatistics and Health Data Science is that the MS provides training in probability and statistical theory with a research focus, while the MPH provides a broader background in public health.

A competitive applicant will have a strong quantitative background; at least three semesters of college-level calculus through multivariable/vector calculus is required; in addition, one semester of linear algebra is strongly recommended.

MS – Biostatistics and Health Data Science Curriculum

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED CORE COURSES - (12 units)

EPID 573A	Basic Principles of Epidemiology (3)
BIOS 576A	Biostatistics in Public Health (3)
BIOS 576B	Biostatistics for Research (3)
BIOS 576C	Applied Biostatistics Analysis (3)
BIOS 585	Public Health Fundamentals for Researchers (3)*

*(For students who have met the core competencies in BIOS 585 through prior courses, for example, as would be expected in a prior degree, minor or certificate in public health, an elective may be taken in lieu of this course).

BIostatistics EMPHASIS

REQUIRED COURSES - (9 units)

BIOS 688A	Statistical Consulting (1)
BIOS 688B	Statistical Consulting Practicum (2)
MATH 564	Theory of Probability (3)
MATH 566	Theory of Statistics (3)

ELECTIVE COURSES - (6 units)

Choose from:

BIOS 511	Healthcare Data Science (3)
BIOS 576D	Data Management and the SAS Programming Language (3)
STAT 675	Statistical Computing (3)
BIOS 500 and 600 level courses not listed above	

HEALTH DATA SCIENCE EMPHASIS

REQUIRED COURSES - (12 units)

BIOS 511	Healthcare Data Science (3)
BIOS 550	Health Data Acquisition and Assessment (3)
BIOS 551	Health Data Management and Visualization (3)
BIOS 552	Health Data Analysis and Communication Methods (3)

ELECTIVE COURSES - (6 units)

Choose from:

BIOS 648 High Dimensional Health Data Analysis and Machine Learning (3)

MATH 574M Machine Learning (3)

INFO 521 Introduction to Machine Learning (3)

EPID 573A Basic Principles of Epidemiology (3)

EPID 526 Digital Epidemiology (3)

BIOS 500 and 600 level courses not listed above

CULMINATING EXPERIENCE FOR BOTH EMPHASES - (At least 3 units)

Choose from:

BIOS 699 Independent Study (3)

BIOS 900 Research (3)

BIOS 910 Thesis (6)

Total Required Credit Hours: 33

OTHER REQUIREMENTS:

Professional Communication Component: Oral presentation of MS thesis or project.

Professional Portfolio: Must include a resume, at least 2 data analysis reports, copy of thesis or MS project report, documentation of computing proficiency, pdf/PowerPoint of oral presentation. Student's portfolio is to be approved by academic advisor.

Master of Science in Environmental Health Sciences

Yevheniia Varyvoda, PhD - Program Director

The Master of Science in Environmental Health Sciences (EHS) is offered by the [Department of Community, Environment and Policy](#).

The degree prepares students to evaluate and manage health risks posed by chemical, physical, biological, and psychosocial stressors in living and working environments. Students develop advanced disciplinary knowledge and analytical skills in environmental epidemiology, environmental monitoring and analysis, toxicology, exposure science, and occupational health and safety.

The program's interdisciplinary curriculum prepares graduates to design and implement evidence-based interventions to prevent and mitigate adverse exposures and reduce risks to human and environmental health.

Graduates of the MS in EHS program advance environmental health research, policy, and practice in the United States and globally by serving in leadership roles across academic institutions, health care organizations, national and international governmental agencies, civil society organizations, and public and private sector organizations.

The MS in EHS requires 42 credit hours. The plan of study is co-developed by the student and their faculty advisor, then approved by the student's Graduate Committee and the Director of the Environmental Health Sciences Program. The program is designed to be completed in two years: the first year focuses on core coursework and thesis proposal development, and the second year focuses on remaining coursework and thesis completion.

Students in good academic standing enrolled in the MS in EHS program may be considered for direct admission to the PhD program, pending a favorable vote of the EHS faculty and completion of the MS degree.

MS – Environmental Health Sciences Curriculum

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED MAJOR COURSES - (24 units)

EPID 573A	Basic Principles of Epidemiology (3)
BIOS 576A	Biostatistics in Public Health (3)
BIOS 576B	Biostatistics for Research (3)
EHS 584	Fundamentals of Industrial and Environmental Health (3)
EHS 585	Public Health Fundamentals for Researchers (3)*
EHS 502	Environmental Monitoring and Analysis (3)
EHS 653	Applied Exposure Assessment (3)
EHS 696R	Environmental Health Seminar (1 unit each semester – 3 times)

*(For students who have met the core competencies in EHS 585 through prior courses, for example, as would be expected in a prior degree, minor or certificate in public health, an elective may be taken in lieu of this course).

ELECTIVE COURSES

Minimum of 12 elective units required for the MS (approved by faculty advisor). Students select courses in areas of emphasis: Exposure and Risk Assessment, Climate and Health, Environmental Contaminant Modeling or Occupational Health and Safety.

REQUIRED MASTER'S THESIS - EHS 910 (6 units)

Total Required Credit Hours: 42

Master of Science in Epidemiology

Heidi Brown, PhD, MPH - Program Director

The Master of Science in Epidemiology is offered by the [Department of Epidemiology and Biostatistics](#). The Master of Science degree in Epidemiology is designed for individuals who wish to pursue training in epidemiological research. It is anticipated that graduates will occupy positions as research administrators, program managers, analysts, and evaluators in universities, health departments, governmental agencies, and similar organizations. Students have the option of one of four tracks or a general MS degree in Epidemiology. The requirements for these vary slightly.

The overall course of study for the MS degree will be developed by the student and the advisor and approved by the student's Graduate Committee and the Epidemiology Program Director. On average, the MS program requires two years for completion. The first year is usually devoted to core coursework. The second year is focused on remaining coursework and development of the master's thesis research. Consult the UA catalog for further details on the current course schedule and specific course requirements.

The MS in Epidemiology program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program.

MS – Epidemiology Curriculum

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED MAJOR COURSES - (23 units)

EPID 573A	Basic Principles of Epidemiology (3)
EPID 573B	Epidemiologic Methods (3)
EPID 573C	Advanced Epidemiology (3)
BIOS 576A	Biostatistics for Public Health (3)
BIOS 576B	Biostatistics for Research (3)
EPID 585	Public Health Fundamentals for Researchers (3)*
EPID 696A	Epidemiology Seminar (1 unit - 2 times), (or equivalent approved by Faculty Advisor)**
BIOS XXX	Biostatistics course beyond BIOS 576B (3)

*For students who have met the core competencies in EPID 585 through prior courses, for example, as would be expected in a prior degree, minor or certificate in public health, an elective may be taken in lieu of this course.

REQUIRED MASTER'S THESIS - EPID 910 (4 units)

EPIDEMIOLOGY TRACK – (9 units)

Students will select one area of specialization that aligns with their research program. Select a 9-unit track from the following options:

Clinical Research – Select 9 units from the following:

EPID 670	Chronic Disease Epidemiology (3-4)
EPID 677	Principles of Genetic Association Studies (3)
BIOS 511	Healthcare Data Science (3)
BIOS 680	Biostatistical Methods I: Clinical Trials/Survival Analysis (3)
CTS 501	Principles of Clinical Research I (4)
CTS 502	Principles of Clinical Research II (4)

**1 unit of Epidemiology Seminar must be EPID 696T – Clinical and Translational Research Seminar

Infectious Diseases – Select 9 units from the following:

EPID 660	Infectious Disease Epidemiology (3)
EPID 679	One Health Applications and Practice (3)
EPID 596D	Public Health Experience - Student Epidemiology Response Team (2)
ACBS 519	General Immunological Concepts (4)
ACBS 549	Diseases of Wildlife (3)
ECOL 557	Medical-Veterinary Entomology (3)

Field Methods – Select 9 units from the following:

- EPID 526 Digital Epidemiology (3)
- EPID 646 Measurement Issues in Epidemiology (3)
- EPID 673 Mixed Research Methods - Design, Conduct and Application in Health Research (3)
- EPID 676 Spatial Epidemiology (3)
- EPID 596D Public Health Experience - Student Epidemiology Response Team (2)

Lifecourse / Chronic Epidemiology – Select 9 units from the following:

- EPID 677 Principles of Genetic Association Studies (3)
- EPID 615 Cancer Epidemiology and Prevention (3)
- EPID 630 Maternal and Child Health Epidemiology (3)
- EPID 670 Chronic Disease Epidemiology (3-4)

All tracks allow for a single 3-unit independent study (EPID 599, EPID 699). Students may also take a generalist approach and select 9 units from the above courses with approval from their Faculty Advisor.

Total Required Credit Hours: 36



Doctoral Programs

The UA Zuckerman College of Public Health is committed to offering professional and academic doctoral degree programs designed to prepare individuals for rewarding careers in public health at the local, national and international level. These programs are adept at integrating academic learning with public health practice to ensure a diverse and well-rounded educational experience.

Doctorate in Public Health (DrPH):

The DrPH is an advanced, professional degree program designed for the student who has a Master of Public Health (MPH) degree or its equivalent and who intends to pursue a leadership career as a public health professional. The DrPH program focuses on developing future leaders in public health practice who will advance the public's health through the integration and application of a broad range of knowledge and analytical skills in leadership, practice, policy analysis, research, program management and professional communication. The DrPH program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program.

The DrPH program prepares individuals to translate scientific knowledge into community-based programs that improve the health status of communities, identify solutions to community health problems, and provide leadership in public health policy and management within both academic and nonacademic settings, as well as in public-agency or private-sector settings that emphasize improving the health of the public. It follows that public health workers from the state and region with the requisite experience and subsequent training will be best suited and prepared for creating the administrative infrastructure necessary for promotion of a healthy public and amelioration of current public health issues in the region.

There are two key examinations associated with the DrPH program that indicate a student's progress toward obtaining the degree. The DrPH program requires students to complete a written and oral comprehensive doctoral examinations and a dissertation defense.

DrPH Options:

There are two areas of study available to DrPH students. Students are required to select either ***Maternal and Child Health*** or ***Public Health Policy and Management***. A description of each area is included on the following pages.

DrPH Course Requirements:

The DrPH course requirements are determined by the DrPH concentration that offers the DrPH area of study. The specific course requirements for each area are listed on the following pages.

Prerequisites:

Students should be aware that some of the coursework for the DrPH have pre-requisites; therefore, students work with their Faculty Advisor to plan their coursework accordingly. In addition, students without an MPH degree will be required to complete the five core MPH courses.





Doctorate in Public Health in Maternal and Child Health

Christina Cutshaw, PhD - Program Director

The DrPH in Maternal and Child Health is a degree offered by the [Department of Health Promotion Sciences](#). The DrPH program focus is on the population-based study of health and health care among the maternal and child health population, including families, infants, children, adolescents, and people of child-bearing age. The DrPH program prepares students to translate scientific knowledge into community-based programs that improve the health status of communities, to identify solutions to community health problems, and to provide leadership in public health policy and management in a variety of settings. The program prepares students for administrative leadership, research and teaching positions at local, state, tribal, federal, or global levels. Graduates hold positions as program directors, faculty, MCH program developers, policy analysts, and researchers.

The doctoral program typically requires four to five years for completion. The first two to three years involve coursework, the written and oral comprehensive examination, and the development of a doctoral proposal. The student determines the doctoral proposal in consultation with the student's Dissertation Committee. Doctoral students defend their dissertation through a public presentation and closed oral examination with their Dissertation Committee.

DrPH Admissions Criteria:

The program is designed for students who have been awarded a Master's degree, preferably a Master of Public Health degree, and who have at least two years of public health work experience.

Students entering without a prior MPH degree will be required to complete the five core MPH courses offered through MEZCOPH, or their equivalent, in addition to the minimum DrPH credit hours of course work in the major.

DrPH – Maternal and Child Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED COURSES

Of the 55 credit hours in the major, 14 are courses required of all students earning a DrPH within the College; 16 are specific to the Maternal and Child Health concentration; 7 units are from electives or selectives approved by the major advisor; and 18 units are dissertation hours. All students designate a minor area of study that include a minimum of 9 units. **Students entering without a prior MPH degree will be required to complete the five core MPH courses offered through MEZCOPH, or their equivalent, in addition to the minimum DrPH credit hours of course work in the major.** The DrPH in Maternal and Child Health program level competencies on the [program website](#), define professional skills that students are expected to acquire while in the program.

DrPH REQUIRED COURSES - (14 units)

PHPM 569 Fundamentals of Health Budgeting and Financial Management (3)

PHPM 608A Public Health Law and Ethics (3)

HPS 609 Evaluating the Public Health Literature (1 unit; 2 times)⁺

HPS 544 Fundamentals of Evaluation (3)

or alternate (3) (approved by Faculty Advisor)

HPS 704 Doctoral Public Health Leadership for Health Equity (3)

⁺HPS 609 is a 1 unit course that must be taken twice, preferably during the first year in residence. Must take both topics: Research Perspectives in Public Health and Research to Practice

DrPH MATERNAL AND CHILD HEALTH REQUIRED COURSES - (16 units)

Students who have not taken HPS 586 Maternal and Child Health or its equivalent are required to take the course as a prerequisite and it may be used to fulfill elective requirements.

HPS 565 Public Health Advocacy (3)

HPS 682 Women and Children Health Policy (3)

HPS 620A Advanced Research Methods in Health Promotion I (Fall) (3)*

HPS 618 Introduction to Systematic Reviews (3)

OR EPID 673 Mixed Research Methods- Design, Conduct, and Application in Health Research (3)

OR HPS 607 Qualitative Research Methods in Public Health (3)

HPS 605 Community Based Participatory Action Research to Decrease Health Disparities (3)

- HPS 597 Service Learning Course (1), choose from the following:
- HPS 597A Maternal & Child Health Programs in Urban Settings (1) –
(offered Spring - Tucson)
 - HPS 597B Maternal & Child Health Programs in the Rural Southwest (1) –
(offered Summer - location varies)
 - HPS 597E Public Health for Community Wellness (2) –
(offered Fall and Spring)
 - PHP 597C Border Health Service Learning Institute (3) –
(offered Spring - US/Mexico Border)
 - PHP 597F Phoenix Urban Service Learning (1) – *(offered Winter - Phoenix)*
 - PHPM 597D Rural Health Service Learning Institute (1)–
(offered Spring- location varies)
 - EPID 597S Skin Cancer Prevention in the Community Setting (1-2) –
(offered Fall and Spring)

CONCENTRATION ELECTIVES – *(minimum 7 units, approved by Faculty Advisor)*

MINOR - *(minimum 9 units)*

The minor area of study can be in other academic doctoral programs in Public Health, or in other doctoral programs throughout the university.

DISSERTATION - *(minimum 18 units)*

The dissertation experience provides students a mentored opportunity to analyze an important public health problem by applying state-of-the-art theoretical and applied practices.

Total Required Credit Hours: 64

Doctorate in Public Health in Public Health Policy & Management

Bryna Koch, DrPH - Interim Program Director

The DrPH program in Public Health Policy and Management (PHPM) is offered by the [Public Health Practice, Policy and Translational Research Department](#). This degree program is designed to further develop the knowledge and skills of public health practitioners who are currently working in the public or private sector. Areas of emphasis include analyzing public health problems, managing the public health workforce, crafting evidence-based recommendations and translating those recommendations into public policy. Because of the program's unique setting and activities, graduates will be prepared to work collaboratively with a broad range of organizations that serve the diverse communities and populations residing in the Southwest.

The doctoral program typically requires four to five years to complete. The first two to three are devoted to coursework and the last 2-3 to completing an area of applied research. While certain courses are required, each student's course of study is tailored to meet their specific goals and interests within the bounds established by the student's Graduate Committee.

All students are required to defend their area of applied research via a public presentation of their findings followed by an oral examination with their Dissertation Committee.

The DrPH in Public Health Policy and Management program level competencies on the [program website](#), define professional skills that students are expected to acquire while in the program. Graduates are expected to competently:

- Using publicly available data, design informative illustrations that support evidence-based decision making.
- Analyze the health, economic, and social impacts of state and federal legislation addressing contemporary public health problems.
- Analyze administrative, management and regulatory issues that impact the deliver of medical care in the US.
- Critique the financial health of public health, health care and non-profit organizations.
- Propose strategies for health improvement and elimination of health inequities by organizing stakeholders, including researchers, practitioners, community leaders and other partners.

DrPH Admissions Criteria:

The program is designed for students who have been awarded a Master's degree, preferably a Master of Public Health, and who have at least two years of public health work experience.

DrPH – Public Health Policy & Management Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 64 credits is required to earn the degree, 46 units of course work and 18 units of dissertation credit. Required course work includes 14 units in the DrPH core; 14 units in the PHPM concentration; 9 units of electives, at least 9 units in a minor area of study, and 18 units of dissertation hours. **Students entering without a MPH degree are required to complete the five core MEZCOPH MPH courses or their equivalent in addition to the minimum required for the DrPH degree.**

DrPH REQUIRED COURSES - (14 units)

PHPM 569	Fundamentals of Health Budgeting and Financial Management (3)
PHPM 608A	Public Health Law and Ethics (3)
PHPM 609	Evaluating the Public Health Literature (1 unit; 2 times) ¹
HPS 544	Fundamentals of Evaluation (3) or alternate (3) (approved by Faculty Advisor)
HPS 704	Doctoral Public Health Leadership for Health Equity (3)

PUBLIC HEALTH POLICY AND MANAGEMENT REQUIRED COURSES - (14 units)

PHPM 617	Advanced Public Health Policy Analysis (3)
PHP 641	Health Systems Delivery (3)
PHPM 696P	Public Health Policy and Management Field Course (2) Community and Cultural Sensitivity Course (3) ² Higher Level Methods Course (3) ²

ELECTIVES - (minimum 9 units, approved by Faculty Advisor)

MINOR - (minimum 9 units)

The minor area of study can be in other academic doctoral programs in Public Health or in other doctoral programs throughout the University. The minor area of study specifies the number of required minor units with the minimum being 9 units.

DISSERTATION - (minimum 18 units)

The dissertation experience is expected to provide students a mentored opportunity to analyze an important public health problem by applying state-of-the-art theoretical and applied practices. The ultimate goal is to develop an evidence-based, policy-relevant solution to improve the health and well-being of the general public.

Total Required Credit Hours: 64

¹ HPS 609 is a 1 unit course that must be taken twice, preferably during the first year of the program.

² With approval of faculty advisor

PhD Minor in Public Health

The PhD Minor in Public Health is designed for individuals from other University of Arizona doctoral degree programs who wish to obtain graduate training in Public Health. The student identifies at least one faculty member with a primary appointment in MEZCOPH to serve on his or her committee. The student should hold a Planning Committee meeting where the committee faculty can provide advisement to the student regarding coursework.

Phd Minor In Public Health

Total Minimum Credit Requirements - (15 units)

The Public Health minor consists of a minimum of three Master of Public Health Core courses and two concentration specific courses agreed to by the student and his or her minor advisor. At the time the selections are made, the minor advisor and the student will define how competency will be determined. The demonstration may take several forms consistent with the practices of the home department. The minor member may contribute to the formulation of the comprehensive exam; the minor member may submit a specific written question; the minor may require participation in an active public health experience with a written summary to cite only a few examples. Other approaches are permissible with the consent of the student's Graduate Committee.

In addition to the PhD Minor in Public Health, The University of Arizona Mel and Enid Zuckerman College of Public Health (MEZCOPH) offers a **Master of Public Health (MPH)** degree featuring ten concentration areas. Students can apply to the MPH Program within any of the concentration areas. The MPH can also serve as the students PhD Minor, although the MPH requirements must be completed prior to completion of the PhD. For more information regarding the MPH program in general, please refer to the following website: publichealth.arizona.edu/academics/mph

PhD Minor in Global Health

The PhD Minor in Global Health in the Mel and Enid Zuckerman College of Public Health is designed for University of Arizona doctoral students who desire to obtain doctoral level training in global public health. This doctoral minor will provide participants with knowledge and skills necessary to engage effectively in global health policy and practice, whether at home in a diverse setting, or abroad where populations and communities are under-resourced, and where health systems are constrained. A total of 12 course units are required, in addition to successful completion of an oral and written comprehensive exam that is individually tailored to the specific global health interests and career goals of each student.

PHD MINOR IN GLOBAL HEALTH

PhD Minor in Global Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

The PhD Minor in Global Health in the Mel and Enid Zuckerman College of Public Health is designed for University of Arizona doctoral students who desire to obtain doctoral level training in global public health. This doctoral minor will provide participants with knowledge and skills necessary to engage effectively in global health policy and practice, whether at home in a diverse setting, or abroad where populations and communities are under-resourced, and where health systems are constrained. A total of 12 course units are required, in addition to successful completion of an oral and written comprehensive exam that is individually tailored to the specific global health interests and career goals of each student.

REQUIRED COURSES – (6 units)

HPS 533	Global Health (3)
EHS 525	Global to Local: Environmental Change and Human Health

ELECTIVES – (select 6 units)

ANTH 605	Qualitative Research Methods and Proposal Writing
CPH 557	Global Maternal Health: Metrics, Cultural Perceptions & Policy Approaches (3)
EPID 555	Introduction to Maternal and Child Health Epidemiology (3)
HPS 560	International Nutrition (3)
CPH/GHI 537	Evidence-based Maternal and Child Health (3)
HPS 534	Infectious Diseases, Global Health and Development (3)
EHS 589	Public Health Preparedness (3)
HPS 529	Project Design and Implementation in Global Health (3)
HPS 559	Management of Public Health Emergencies (3)
EHS/EPID 545	One Health Foundations (3)
CPH/GHI 532	Food in 2050 and beyond: Climate Change and Global Health (3)
GWS 546	Health and the Global Economy (3)
CPH/GHI 581	Food System Preparedness for the Global Emergency Risks (3)
EHS 525	Global to Local: Environmental Change and Human Health (3)
GHI 540	Comparative Health Analysis from a Global Perspective (3)
EPID 606	Changing Health Policy: Cultural Understanding & Epi Analysis (4)
EPID 679	One Health Applications and Practice (3)
HPS 635	Applied Field Methods in Global Health Nutrition (3)
EPID 660	Infectious Disease Epidemiology (3)



PHD MINOR IN INDIGENOUS HEALTH

PhD Minor in Indigenous Health

The PhD Minor in Indigenous Health is designed for University of Arizona doctoral students who desire to obtain doctoral level training in Indigenous Health. This doctoral minor will provide students with knowledge and skills necessary to engage and collaborate with Tribes/Nations/Indigenous peoples locally and globally; conducting health research that is culturally responsive to community needs and honors tribal sovereignty.

PhD Minor – Indigenous Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

The PhD Minor in Indigenous Health is designed for University of Arizona doctoral students who desire to obtain doctoral level training in Indigenous Health. This doctoral minor will provide students with knowledge and skills necessary to engage and collaborate with Tribes/Nations/Indigenous peoples locally and globally; conducting health research that is culturally responsive to community needs and honors tribal sovereignty.

REQUIRED COURSES - (at least 12 units):

PHPM 517	Indigenous Public Health (3)
PHPM 521	Administrative Dimensions of Indigenous Health (3)
PHPM 568	American Indian Health Care Policy (3)
HPS 556	A Circular Approach to Global Indigenous Research (3)



Doctor of Philosophy in Biostatistics

Paul Hsu, PhD - Program Director

The PhD in Biostatistics is offered by the Department of Epidemiology and Biostatistics. The doctoral degree program in Biostatistics will have an emphasis on the foundations of statistical reasoning and will require its graduates to complete rigorous training in applied probability and statistical analyses. This program prepares students who have demonstrated excellence in mathematics and the sciences to become research biostatisticians in academia, industry, or government.

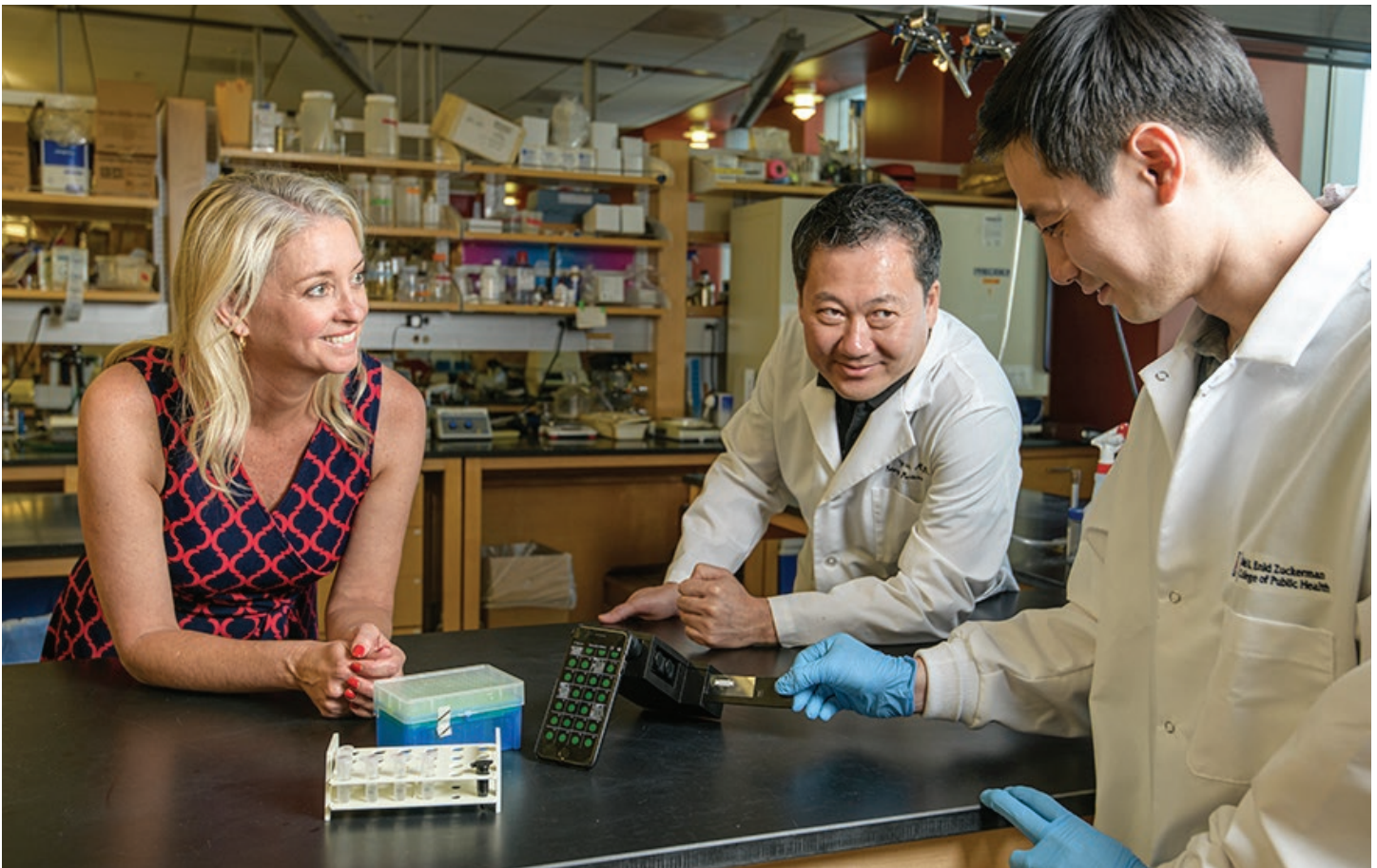
The PhD program in Biostatistics is designed for individuals having strong quantitative skills with a background or interest in the biological, medical, or health sciences, and potential to become effective researchers in biostatistics. Applicants for the PhD in Biostatistics must have a prior Bachelor's degree. Applicants with a Master's degree in biostatistics, statistics, applied mathematics and other strongly related fields will be given preference for admission and financial support. To the extent possible, the curriculum of each student will be tailored to his or her background and interests. A competitive applicant to the PhD in Biostatistics will have a strong quantitative background; at least three semesters of college-level calculus through multivariable/vector calculus is required; in addition, one semester of linear algebra is strongly recommended.

The doctoral program requires approximately four to five years for completion. The first two to three years of this time is usually devoted to coursework, the comprehensive doctoral examination, and development of doctoral research. The program is research oriented and centers on a major research project. The overall course of study is developed by the student and the Faculty Advisor and is approved by the student's Graduate Committee and the Biostatistics Program Director. Students will be required to defend their dissertation through a public presentation and oral examination with their committee. The PhD in Biostatistics program level competencies on the [program website](#) define professional skills that students are expected to acquire upon graduating from the program.

Credit Hours:

The curriculum requires a minimum of 47 units of course work in the major, of which 35 units are from required courses and 12 are electives. Students are required to select a minor and complete 9 semester hours or more (depending on requirements of the minor department) in their area of interest, and a minimum of 18 units of dissertation credit.

Students with a prior MS degree in Biostatistics or Statistics are eligible for admission into the Biostatistics PhD program. Students who enter the Biostatistics PhD program after completion of an MPH/MS/MA may use 23 units of Biostatistics related courses towards the Doctorate in Biostatistics (PhD) major requirements. Thus, students with an MPH/MS/MA must complete a minimum of 22 additional units of course work, 2 units of seminar, 9 units or more in a minor subject, and 18 dissertation units. They will be allowed to substitute more advanced courses for any required courses already completed. A maximum of 30 previously earned units, inclusive of the doctoral minor requirements, may be applied to the official doctoral plan of study.



PhD – Biostatistics Curriculum

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED COURSES - (35 units)

MATH 564	Theory of Probability (3)
MATH 566	Theory of Statistics (3)
EPID 573A	Basic Principles of Epidemiology (3)
BIOS 576B	Biostatistics for Research (3)
BIOS 685	Special Topics in Biostatistics (3)
BIOS 687	Theory of Linear Models (3)
BIOS 688	Statistical Consulting (3)
STAT 571B	Design of Experiments (3)
STAT 675	Statistical Computing (3)
PHCL 595B	Scientific Writing, Presentation and Bioethics (2)
BIOS 696S	Biostatistics Seminar (1 unit; 2 times)
BIOS 609	Evaluating Public Health Literature (1)
BIOS 585	Public Health Fundamentals for Researchers (3)*

*(For students who have met the core competencies in BIOS 585 through prior courses, for example, as would be expected in a prior degree, minor or certificate in public health, an elective may be taken in lieu of this course).

ELECTIVE COURSES - (12 units)

Electives may also be chosen from other Biostatistics, Statistics or Mathematics courses with approval of the Biostatistics Faculty.

BIOS 511	Healthcare Data Science (3)
BIOS 576C	Applied Biostatistics Analysis (3)
BIOS 576D	Data Management and the SAS Programming Language (3)
BIOS 647	Analysis of Categorical Data (3)
BIOS 648	Analysis of High Dimensional Data (3)
EPID 677	Genetic Association Studies (3)
BIOS 686	Survival Analysis (3)

NOTE: BIOS 576A, Biostatistics in Public Health (3 units), is considered a prerequisite, which will have been met by most entering students

MINOR - (minimum 9 units)

Each PhD student must complete a minimum of 9 credit hours of course work in a minor area. The minor area of study specifies the number of required minor units. This should consist of a coherent set of courses in an area (or in related areas) of application of biostatistics; the courses may be from more than one program.

DISSERTATION - (minimum of 18 units) – required

Total Required Credit Hours: 74

PhD Minor – Biostatistics Curriculum

Effective for those following the 2026/2027 academic curriculum guide

The PhD Minor in Biostatistics is administered by the Biostatistics concentration in MEZCOPH. The PhD Minor in Biostatistics is designed for individuals from other University of Arizona doctoral degree programs who wish to obtain graduate training in Biostatistics. A total of 9 course credits are required. Admission to the minor must be approved by the Biostatistics minor faculty representative and the Biostatistics Program Director, no later than enrollment in the second minor course. Selection of courses must be performed in consultation with the Biostatistics minor faculty representative.

PhD MINOR IN BIOSTATISTICS REQUIREMENTS

MINOR COURSES - (*minimum of 9 units*)

BIOS 511	Healthcare Data Science (3)
BIOS 576C	Applied Biostatistics Analysis (3)
BIOS 576D	Data Management and the SAS Programming Language (3)
BIOS 647	Analysis of Categorical Data (3)
BIOS 648	Analysis of High Dimensional Data (3)
EPID 677	Genetic Association Studies (3)
BIOS 680	Biostatistical Methods I: Clinical Trials/ Survival Analysis (3)
BIOS 682	Introduction to Genomic Data Science (3)
BIOS 684	General Linear and Mixed Effects Models (3)
BIOS 687	Theory of Linear Models (3)
BIOS 688	Statistical Consulting (3)
MATH 564	Theory of Probability (3)
MATH 566	Theory of Statistics (3)
STAT 571A	Advanced Statistical Regression Analysis (3)
STAT 571B	Design of Experiments (3)
STAT 675	Statistical Computing (3)

It is the responsibility of the student to have met prerequisites (if not already required for the student's major), such as:

BIOS 576A	Biostatistics in Public Health
BIOS 576B	Biostatistics for Research

Doctor of Philosophy in Environmental Health Sciences

Yevheniia Varyvoda, PhD - Program Director

The PhD in Environmental Health Sciences (EHS) is offered by the Department of [Community, Environment, and Policy](#).

The program equips students with advanced competencies in research, analysis, evaluation, and evidence-based decision-making to prevent and mitigate adverse exposures and reduce risks to human and environmental health across diverse contexts, from organizational and community settings to municipal, state, national, and global levels.

Through engagement in research with EHS faculty, who are leading experts in areas such as the environmental and health impacts of contaminants in air, water, and soil, occupational safety, health preparedness, and risk assessment, students receive rigorous preparation for careers in research, academia, policy, and practice.

Admission to the PhD in Environmental Health Sciences program requires the successful completion of a master's degree in a related field. The program is designed to be completed in three to five years.

The program requires a minimum of 72 credit hours, including at least 45 units in major and elective coursework, 18 dissertation units, and 9 units in a minor field in another department. Of the total credits, at least 18 units must be electives.

The plan of study is co-developed by the student and their faculty advisor, then approved by the student's Graduate Committee and the Director of the Environmental Health Sciences Program.

PhD – Environmental Health Sciences Curriculum

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED MAJOR COURSES - (27 units)

EPID 573A	Basic Principles of Epidemiology (3)
BIOS 576A	Biostatistics in Public Health (3)
BIOS 576B	Biostatistics for Research (3)
EHS 584	Fundamentals of Industrial and Environmental Health (3)
EHS 502	Environmental Monitoring and Analysis (3)
EHS 585	Public Health Fundamentals for Researchers (3)*
EHS 653	Applied Exposure Assessment (3)
EHS 609	Evaluating Public Health Literature (1)
EHS 696R	Environmental Health Seminar (1 unit each semester – 5 times)

*(For students who have met the core competencies in EHS 585 through prior courses, for example, as would be expected in a prior degree, minor or certificate in public health, an elective may be taken in lieu of this course).

ELECTIVE COURSES - (minimum of 18 units)

Approved by Faculty Mentor. Students select courses in areas of emphasis: Exposure Science and Risk Assessment; Climate and Health; Environmental Contaminant Modeling; and Occupational Health and Safety.

MINOR COURSES - (minimum of 9 units)

Environmental Health Sciences students must complete a minor of at least 9 units from another area of study. Requirements for a PhD Minor in individual departments may vary. Minors that may interest students in this program include: Biostatistics, Epidemiology, Water Quality, Global Climate Change, Environmental Planning, Applied Mathematics, Engineering, Atmospheric Sciences, and Soil, Water and Environmental Science, just to name a few. With committee approval, a minor may be selected from any program of study at the University of Arizona that offers a doctoral degree.

DISSERTATION - (minimum of 18 units) – required

Total Required Credit Hours: 72

PhD Minor – Environmental Health Sciences Curriculum

Effective for those following the 2026/2027 academic curriculum guide

The PhD Minor in Environmental Health Sciences is designed for students whose primary field of study is outside Environmental Health Sciences and is administered by the Environmental Health Sciences (EHS) concentration in MEZCOPH. A total of 15 course units are required, along with successful completion of the written and oral components of the PhD comprehensive exam and dissertation defense. For further details on the current course schedule and specific course requirements, students should consult the University of Arizona catalog.

PHD MINOR IN ENVIRONMENTAL HEALTH SCIENCES REQUIREMENTS

MINIMUM CREDIT REQUIREMENTS - *(at least 15 units)*

- EHS 502 Environmental Monitoring Methods (3)
- EHS 518 Introduction to Human Health Risk Assessment (3)
- EHS 584 Fundamentals of Industrial and Environmental Health (3)
- 2 additional courses (3 units each) approved by the EHS Minor Faculty Advisor (6)

A list of EHS courses can be found obtained from the EHS Program Director and are listed in the UA catalog under the Environmental Health Sciences.

TRANSFER OF CREDITS FOR THE PhD MINOR

Graduate credit earned at other approved institutions may be applied toward fulfilling the PhD Minor requirements, if approved by the minor faculty mentor, the Environmental Health Sciences Program Director, and the student's Graduate Committee. All transferred credit must be at the graduate level and earned with a minimum grade of B.

The Doctoral Plan of Study requires a list of all courses the student intends to transfer from another institution. Students should consult the Graduate College website for further details.

DECLARATION OF MINOR

Meet with the Environmental Health Sciences Program Director to discuss the minor. Complete the MEZCOPH Declaration of Doctoral Minor Form, identify an Environmental Health Sciences minor faculty advisor, and obtain EHS faculty approval through the Environmental Sciences Program Director. The MEZCOPH Declaration of Doctoral Minor Form must be filed with the MEZCOPH Graduate Program Coordinator in the MEZCOPH Office of Student Services.

Doctor of Philosophy in Epidemiology

Heidi Brown, PhD, MPH - Program Director

The PhD in Epidemiology is offered by the [Department of Epidemiology and Biostatistics](#). Epidemiology is the scientific discipline concerned with the causes and prevention of human disease. Epidemiology focuses on the occurrence of disease among human populations, considering changes within populations over time and differences among and between populations in disease risk. Epidemiologists today are involved in attempts to understand the causes and means of controlling COVID-19 and other infectious diseases, as well as chronic diseases including cancer and metabolic disorders. Much of our understanding of the links between environment and health outcomes, of infectious causes of cancer, of obesity and mortality risk and reproductive health is derived from epidemiologic studies.

The PhD in Epidemiology trains individuals for careers in research and teaching in academic settings, research institutes, government agencies and industry. It has been designed for students whose careers will focus on conducting investigator-initiated and collaborative epidemiologic research. On average, the doctoral program requires four to five years for completion. The first two years are usually devoted to coursework, the qualifying exam, the comprehensive doctoral examinations, and development of doctoral research. The program is research oriented and centers on a major research project.

PhD Course Requirements

At least 46 units are required for the major (including up to 10 units of independent study), plus a minimum of 18 dissertation units, and at least 9 units for the minor (depending on minor department requirements). Consult the course listings for further details on specific course requirements and schedules. The overall course of study will be developed by the student and the advisor and approved by the student's Graduate Committee and the Epidemiology Program Director. Students will be required to defend their dissertation through a public presentation and oral examination with their committee. Please refer to the Epidemiology Student Handbook for additional information. The PhD in Epidemiology program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program.

PhD – Epidemiology Curriculum

Effective for those following the 2026/2027 academic curriculum guide

REQUIRED MAJOR COURSES - (32 units)

EPID 573A	Basic Principles of Epidemiology (3)
EPID 573B	Epidemiologic Methods (3)
EPID 573C	Advanced Epidemiology (3)
BIOS 576A	Biostatistics in Public Health (3)
BIOS 576B	Biostatistics for Research (3)
EPID 585	Public Health Fundamentals for Researchers (3)*
PHCL 595B	Scientific Writing, Presentation and Bioethics (2)
EPID 609	Evaluating the Public Health Literature (1 unit, fall semester of first year)
EPID 660	Infectious Disease Epidemiology (3)
EPID 670	Chronic Disease Epidemiology (3)
EPID 696A	Epidemiology Seminar (1 unit – 3 times) (or equivalent approved by Faculty Advisor)
EPID 796A	Epidemiology Doctoral Seminar (1 unit – 2 times)

*(For students who have met the core competencies in EPID 585 through prior courses, for example, as would be expected in a prior degree, minor or certificate in public health, an elective may be taken in lieu of this course).

ELECTIVE COURSES

14 or more units required; 9 of which must be in Epidemiology/Biostatistics, with at least (3) BIOS units in a course beyond BIOS 576B. A maximum of 10 units of Independent Study/Research Credit (EPID 599, 699, 799, 900) may be used.

MINOR COURSES

According to Graduate College Policy, PhD students must choose at least one supporting minor subject, in addition to the major subject. The selection of a minor subject area is the responsibility of the student, in consultation with their faculty advisor and/or Graduate Committee Chair. The minor area of study specifies the number of required minor units and examinations (**minimum required= 9 units**).

DISSERTATION – EPID 920: *minimum of 18 units required*

Total Required Credit Hours: 73

PhD Minor – Epidemiology Curriculum

Effective for those following the 2026/2027 academic curriculum guide

The PhD Minor in Epidemiology is designed for individuals from other University of Arizona doctoral degree programs who wish to obtain graduate training in Epidemiology. A member of the primary Epidemiology faculty will serve as the Minor Advisor and sit on the student's Graduate Committee.

The PhD Minor in Epidemiology is administered by the Epidemiology Program. A total of 15 course units are required (see the course listings for further details on the specific course requirements and schedule).

REQUIRED PhD MINOR IN EPIDEMIOLOGY COURSES - (at least 15 units)

EPID 573B	Epidemiologic Methods (3)*
EPID 573C	Advanced Epidemiology (3)
BIOS 576A	Biostatistics for Public Health (3)
BIOS 576B	Biostatistics for Research (3)
EPID Elective	The elective must be 600-level or above (to be approved by Epidemiology Minor Advisor) (3)

Note on required PhD Minor in Epidemiology coursework:

***MINOR COURSE PREREQUISITES**

It is the responsibility of the student to have met course prerequisites (if not already required for the student's major): *EPID 573A, Basic Principles of Epidemiology

MINOR GPA REQUIREMENT - 3.5/4.0 scale in the required PhD Minor in Epidemiology courses.

Doctor of Philosophy in Health Behavior Health Promotion

Nicole Yuan, PhD, MPH - Program Director

The PhD in Health Behavior Health Promotion (HBHP) is offered by the [Department of Health Promotion Sciences](#). The doctoral degree program in Health Behavior Health Promotion will have an emphasis on the biological, behavioral, and sociocultural determinants of health and health behavior, and the interventions and policies aimed at improving community and population health. The PhD program includes instruction in behavioral sciences, public health practice and policy, human services, and research methods. The doctoral program will offer a diverse and challenging curriculum that addresses health behavior health promotion theory; knowledge and skills for working on health issues among communities in the Southwest and other regions of the United States and around the globe; mixed qualitative and quantitative research methods; statistics, and grant development skills.

Students will further specialize in one or more areas by methodology (applicable quantitative and qualitative methods) and/or topic--examples include promoting population health equity in one or more underserved communities or developing/testing theory-based healthy lifestyle promotion interventions.

The requirement for entry into the PhD will be a bachelor's degree. Outstanding course performance and strong evidence for research interest and aptitude in health behavior health promotion is required for all admitted students. Applicants without a prior related master's degree will complete a Master of Science in Public Health (MSPH) in route to their PhD in Health Behavior Health Promotion. For students admitted to the PhD program without a prior related master's degree, the MSPH develops the student's ability to think critically, develop and execute research, while also providing depth in health behavior health promotion, epidemiology and biostatistics. These skills are essential to the success of a future PhD student and future health promotion health behavior scholar. Students are expected to complete the MSPH as a required component of this program when entering without a prior master's degree. A total of 30 units of MSPH coursework may apply toward the PhD provided the student received A or B grades in those units.

The MSPH is not a stand-alone degree. Students interested in graduate studies in health behavior health promotion, who are uncertain of a research career focus, are encouraged to discuss applying for the Master of Public Health (MPH) with department faculty and MEZCOPH's Office of Student Affairs. The MPH with a concentration in HBHP affords sound preparation for the PhD program, while foremost being designed as a functional terminal degree for immediate workforce entry.

The doctoral program requires approximately four to five years for completion. The first two years of this time are usually devoted to coursework, the comprehensive doctoral examinations, and development of doctoral research. The program is research oriented and centers on a major research project. The overall course of study is developed by the student and the Faculty Advisor and is approved by the student's Graduate Committee and the Health Behavior Health Promotion Program Director. Students will be required to defend their dissertation through a public presentation and oral examination with their committee. The MSPH/PhD in Health Behavior Health Promotion program level competencies on the [program website](#), define professional skills that students are expected to acquire upon graduating from the program.



PhD – Health Behavior Health Promotion Curriculum

Effective for those following the 2026/2027 academic curriculum guide

For students entering with a master's degree, the PhD curriculum will require a minimum of 63 credit hours (units). Of these, 18 units are required from major courses; 3 units are required on US minority/health disparities; 3 units on health promotion research content electives; 12 units of other electives; 9 units (minimum) for the minor; and 18 units for the dissertation. A maximum of 30 units from a prior degree may be applied towards an admitted student, pending review by the student's advisory committee. The **63 unit** curriculum is detailed below.

REQUIRED MAJOR COURSES - (18 units)

BIOS 576B	Biostatistics for Research (3) ¹
HPS 585	Public Health Fundamentals for Researchers (3) ²
HPS 607	Qualitative Research Methods in Public Health (3)
HPS 609	Evaluating the Public Health Literature (1)
HPS 620A	Advanced Research Methods in Health Promotion I (3) ³
HPS 618	Introduction to Systematic Review (3)
HPS 696L	Health Behavior Health Promotion Seminar (1 unit; 2 times) ³

REQUIRES U.S. MINORITY/HEALTH DISPARITIES COURSE - (minimum 3 units)

HPS 535	Multicultural Health Beliefs (3) or HPS 605 Community Based Participatory Action Research to Decrease Health Disparities (3)
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¹ BIOS 576A or other introductory graduate statistics course is a prerequisite for BIOS 576B. Another graduate statistics course beyond an introductory graduate statistics course and with a minimum coverage of multiple linear/GLM or logistic regression may be considered with approval of the student's Faculty Advisor and the Program Director.

² For students who have met the core competencies in HPS 585 through prior courses, for example, as would be expected in a prior degree, minor or certificate in public health, an elective may be taken in lieu of this course.

³ Permanent courses addressing this content as assessed by the Program Director are acceptable substitutions.

REQUIRED HEALTH PROMOTION EMPHASIS ELECTIVES - (minimum of 3 units)¹

HPS 531	Contemporary Health Issues & Research (3)
HPS 532A	Applied Aspects of Program Planning, Implementation & Evaluation I (4)
HPS 535	Multicultural Health Beliefs (3) ²
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
HPS 605	Community Based Participatory Action Research to Decrease Health Disparities (3) ²
HPS 622	Applied Research Methods in Diet and Physical Activity (3)
HPS 642	Public Health Communications (3)
EPID 671	Social Epidemiology (3)
EPID 646	Measurement Issues in Epidemiology (3)
EPID 673	Mixed Research Methods- Design, Conduct and Application in Health Research (3)

OTHER ELECTIVES - (minimum 12 units, approved by Faculty Advisor/Doctoral Committee)

These electives will often be independent studies with a research focus, public health graduate courses, or other graduate theory, content or methodology-related courses at the University, relevant to the doctoral area of study).

MINOR - (minimum 9 units)

Each PhD student must complete a minimum of 9 credit hours of course work in a minor area. The minor area of study specifies the number of required minor units. This should consist of a coherent set of courses in an area (or in related areas) of health behavior health promotion, in consultation with the PhD student's faculty advisor and/or Graduate Committee Chair. These courses may be from more than one program.

DISSERTATION – HPS 920: minimum of 18 units required

Total Required Credit Hours: 63

¹ Another health promotion related graduate course may be substituted with approval of the student's Faculty Advisor

² (if not already used to fulfill the US minority health/disparities requirement)

MSPH/PhD – Health Behavior Health Promotion Curriculum

Effective for those following the 2026/2027 academic curriculum guide

For students entering without a master's degree, the PhD curriculum will require a minimum of 73 credit hours (units), with 40 units required toward completing the Master of Science in Public Health (MSPH). The MSPH component requires 25 required major course credits; 3 units are required on US minority/health disparities; 6 units of other electives; and 6 units of thesis. Additional required units post completion of the MSPH include 2 additional major units, 4 additional selective units, 9 units (minimum) for the minor, and 18 units for the dissertation, allowing for a maximum of 30 units to be shared between the MSPH and PhD. Additionally, a maximum of 8 units from prior graduate coursework (6 units from a prior awarded degree) may be considered (pending review) to be applied towards the MSPH component.

Requirements for MSPH to PhD in Health Behavior Health Promotion for students entering without a prior master's degree:

MASTER OF SCIENCE IN PUBLIC HEALTH (MSPH) REQUIREMENTS - (40 units)

REQUIRED MAJOR COURSES - (25 units)

HPS 531	Contemporary Health Issues & Research (3)
HPS 585	Public Health Fundamentals for Researchers (3) ¹
BIOS 576A	Biostatistics in Public Health (3)
BIOS 576B	Biostatistics for Research (3) ²
HPS 607	Qualitative Research Methods in Public Health (3)
HPS 620A	Advanced Research Methods in Health Promotion I (3) ³
HPS 618	Introduction to Systematic Reviews (3)
HPS 696L	Health Behavior Health Promotion Seminar (1)

HPS Selective Course (minimum of 3 units) – may be met with any HPS offered 3+ unit, 500+ level course (e.g. HPS 532A; 535; 577; 605; 619; 622; 642) or another health promotion related course (e.g. EPID 573A; EPID 646; EPID 671; COMM 669) approved by Faculty Advisor

REQUIRED U.S. MINORITY/HEALTH DISPARITIES COURSE - (minimum 3 units)

HPS 535	Multicultural Health Beliefs (3) ⁴ or HPS 605 Community Based Participatory Action Research to Decrease Health Disparities (3) ⁴
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OTHER ELECTIVES - (minimum 6 units, approved by Faculty Advisor)

REQUIRED MASTER'S THESIS - HPS 910: minimum of 6 units

ADDITIONAL CORE REQUIREMENTS FOR THE PhD, POST COMPLETION OF THE MSPH - (33 units)

REQUIRED COURSES - (6 units)

HPS 609 Evaluating the Public Health Literature (1)

HPS 696L HBHP Seminar (1)³

HPS Selective Course (minimum of 4 units)

APPROVED MINOR - (minimum of 9 units required)

Each PhD student must complete a minimum of 9 credit hours of course work in a minor area. The minor area of study specifies the number of required minor units. This should consist of a coherent set of courses in an area (or in related areas) of health behavior health promotion, in consultation with the student's faculty advisor and/or Graduate Committee Chair. These courses may be from more than one program.

DISSERTATION – HPS 920 – minimum of 18 units required

NOTES

¹ (For students who have met the core competencies in HPS 585 through prior courses, for example, as would be expected in a prior degree, minor or certificate in public health, an elective may be taken in lieu of this course).

² Note: BIOS 576A or other introductory graduate statistics course is a prerequisite for BIO 576B. Another graduate statistics course beyond an introductory graduate statistic course and with a minimum coverage of multiple linear/GLM or logistic regression may be considered with approval of the student's Faculty Advisor and the Program Director.

³ Permanent courses addressing this content as assessed by the Program Director are acceptable substitutions.

⁴ (if not already used to fulfill the US minority health/disparities requirement)

Total Required Credit Hours: 73

PhD Minor – Health Behavior Health Promotion Curriculum

Effective for those following the 2026/2027 academic curriculum guide

The PhD Minor in Health Behavior Health Promotion (HBHP) is designed for individuals from other University of Arizona doctoral degree programs who wish to obtain graduate training in Health Behavior Health Promotion and is administered by the Department of Health Promotion Sciences in the Zuckerman College of Public Health. A total of 12 course units are required, as well as successful completion of written and oral questions during the PhD Comprehensive exam, and successful defense of the dissertation. Consult the UA catalog and UA schedule of classes for further details and specific course requirements.

REQUIRED COURSES - *(at least 12 units):*

Take the following course:

HPS 577 Sociocultural & Behavioral Aspects of Public Health (3)

Choose one course on U.S. Minority Health/Health Disparities - *(minimum 3 units)**

HPS 535 Multicultural Health Beliefs (3)

or HPS 605 Community Based Participatory Action Research to Decrease Health Disparities (3)

* or alternate course with a core focus on a US minority health issue or health disparities with minor faculty advisor approval

Choose two courses on Health Promotion Science related content - *(minimum 6 units)*

All HPS led graduate courses are acceptable. Other public health/health promotion related courses within or outside the College require minor faculty advisor's approval.

Graduate Certificate Programs

The University of Arizona Mel and Enid Zuckerman College of Public Health is committed to serving the public health educational needs of working professionals in the State of Arizona and beyond. In addition to offering curriculum at the undergraduate and graduate levels, we offer seven graduate certificate programs. Designed for working professionals and/or those exploring the field of public health, the certificate programs provide skill enhancement for both domestic and international participants who have limited time to pursue a campus-based full graduate degree program. With the exception of the Clinical & Translational Research Graduate Certificate which is only offered through the Main Campus, all certificate programs are available to students in the Main and Online Campuses.

- [The Clinical & Translational Research Graduate Certificate](#) prepares interprofessional scientists for the complexities of clinical and translational research through high-quality didactic instruction and mentored collaborative research experiences.
- [The Graduate Certificate in Global Health & Development](#) provides participants the foundation knowledge and skills necessary to function effectively in global health practice, whether at home in a diverse setting, along the border in a bi-cultural environment, or abroad where populations are under-resourced and where health systems are constrained.
- The [Graduate Certificate in Health Administration](#) offers Tucson or Phoenix-based as well as online working health professionals and graduate students an opportunity to advance their health administration training. Upon completion of the certificate program, students will have knowledge and skills in the following areas: strategic planning, budgeting and finance, health care economics and policy, and advanced health care services administration.

- The [Graduate Certificate in Indigenous Health](#) is designed to enhance the education of graduate students, health and allied professionals in indigenous public health issues, models and frameworks. Students will gain competence in administrative and policy dimensions of indigenous health, as well as analyzing research, ethics challenges, and evaluation methods.
- The [Graduate Certificate in One Health](#) consists of 4 courses (12 units) designed to meet the needs of students and professionals. Coursework focuses on a broader view of the multidisciplinary approaches needed to holistically address the interconnectedness of animals, humans, and the environment and related health impacts.
- The [Graduate Certificate in Public Health](#) offers working professionals a flexible and convenient option for advancing their public health training. The certificate is affiliated with the Master of Public Health (MPH) degree and consists of the five core courses that are required of all MPH graduates.
- The [Graduate Certificate in Public Health Emergency and Pandemic Preparedness](#) provides participants with skills needed to support public health response to emergencies, epidemics and pandemics. Participants will gain proficiency in the National Incident Management System and attain Centers for Disease Control & Prevention (CDC) Emergency Responder Tier Two level credentials using epidemiological tools to conduct rapid assessment and public health investigation of emergencies/disease outbreaks.



Clinical & Translational Research Graduate Certificate Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 13 units are required for the Clinical & Translational Research graduate certificate.

Admission to the certificate requires concurrent enrollment or completion of a master's degree with a 3.0 cumulative GPA.

The University of Arizona's Clinical & Translational Research (ACTR) graduate certificate program prepares interprofessional scientists for the complexities of clinical & translational research through high-quality didactic instruction, and mentored collaborative research experiences.

Clinical and translational research is fundamental for prevention, treatment, diagnosis and relief of symptoms of disease in human populations. Worldwide, there is an increasing need for highly qualified clinical researchers. The ACTR graduate certificate program has a strong track record for training interprofessional translational clinical researchers.

REQUIRED - (7 units)

EPID 573A	Basic Principles of Epidemiology (3)
BIOS 576A	Biostatistics for Public Health (3)
EPID 696T	Clinical & Translational Research Seminar (1)

REQUIRED SELECTIVES - (3-6 units)

Chose a minimum of 3 units; maximum of 6 units may apply to certificate requirements.

BIOS 576B	Biostatistics for Research (3)
BIOS 576D	Data Management & SAS Programming (3)

ELECTIVES - (0-3 units)*

Choose 0 – 3 units to reach minimum certificate requirement of 13 units total.

BIOS 550	Health Data Acquisition (3)
BIOS 551	Health Data Management and Visualization (3)
EPID 573B	Epidemiologic Methods (3)
EPID 573C	Advanced Epidemiology (3)
HPS 620A	Advanced Research Methods in Health Promotion Sciences (3)
BIOS 680	Biostatistical Methods I: Clinical Trials/Survival Analysis (3)
EPID 696A	Epidemiology Seminar (1)
BIOS 696S	Biostatistics Seminar (1)

*Other possible elective courses can be found on the MEZCOPH [website](#). Elective courses not on the above list must first be approved by the Director of Graduate Studies of the ACTR Certificate program.

Graduate Certificate in Global Health & Development Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A total of 12 units is required, with 9 units of required coursework and 3 units of elective coursework.

Admission to the certificate requires completion of an undergraduate degree with a 2.75 GPA (based on the last 60 units).

The Mel and Enid Zuckerman College of Public Health houses the Global Health Institute (GHI), one of the many centers of excellence in education, research, and service of the University of Arizona's Health Sciences Center. GHI is dedicated to finding evidence-based solutions to global health problems through the education and training of tomorrow's global health leaders. It is a unique partnership that promotes collaboration between the University of Arizona, partner universities, organizations, and individuals around the world.

The Graduate Certificate in Global Health & Development is one of the flagship education programs of the GHI. Designed for professionals and those entering the field of global health, this online program is a flexible option for those who wish to balance coursework and career, while maintaining an environment of utmost academic rigor. The course meets the need for skill enhancement for both foreign and domestic individuals who have limited time to pursue a campus-based full degree program.

REQUIRED - (9 units)

HPS 533	Global Health (3)
HPS 529	Project Design & Implementation in Global Health (3)
HPS 559	Management of Global Public Health Emergencies (3)

ELECTIVE - (3 units)

EHS 539A	Outbreaks & Environmental Microbiology: Then & Now (3)
EHS 545	One Health Foundations (3)
EHS 546	One Health Approach & Case Studies (3)
EPID 572C	Analysis of Public Health Data (3)
CPH/GHI 537	Evidence-based Maternal & Child Health (3)
HPS 628	Public Health Research & Evaluation (3)
PHP 521	Administrative Dimensions of Indigenous Health (3)
PHPM 528	Indigenous Research & Ethics (3)
HPS 534	Infectious Diseases, Global Health and Development (3)
CPH 537	Evidence-based Methods Maternal and Child Health (3)
HPS 599	Independent Study in Global Health & Development Issues (1-6)

Graduate Certificate in Health Administration Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 15 units are required for the graduate certificate in Health Administration.

Admission to the certificate requires completion of an undergraduate degree with a 3.0 GPA (based on the last 60 units).

The Graduate Certificate in Health Administration offers Tucson or Phoenix-based as well as online working health professionals and graduate students an opportunity to advance their health administration training. Upon completion of the certificate program, students will have knowledge and skills in the following areas: strategic planning, budgeting and finance, health care economics and policy, and advanced health care services administration.

REQUIRED - (15 units)

- PHPM 507 Health Care Economics and Policy (3)
- PHPM 558 Health Care Marketing (3)
- PHPM 561 Introduction to Health Care Quality and Safety (3)
- PHPM 562 Health Services Administration (3)
or PHP 641 Health Systems Delivery (3) *
- PHPM 569 Fundamentals of Health Budgeting and Financial Management (3)

Graduate Certificate in Indigenous Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 13 units are required for the graduate certificate in Indigenous Health.
Admission to the certificate requires completion of an undergraduate degree with a 3.0 GPA (based on the last 60 units).

The Graduate Certificate in Indigenous Health is offered fully online for the working professional who would like to build skills and competencies that are necessary to engage in evidence-based public health practice at the leadership, management, and supervisory levels. Populations in indigenous communities have disproportionately worse health outcomes than national averages. To meet the health disparity challenges in these underserved and often health professionals-shortage areas, the program focuses on courses designed to equip participants with skills in analysis of critical indigenous public health issues, models, and frameworks. Students can complete the certificate in one academic year.

REQUIRED - (13 units)

PHPM 517	Indigenous Public Health (3)
PHP 521	Administrative Dimensions of Indigenous Health (3)
PHPM 568	American Indian Health Care Policy (3)
HPS 556	Indigenous Methods and Evaluation Approaches (3)
HPS 597B	Maternal and Child Health Programs in the Rural Southwest (1)

Graduate Certificate in Maternal and Child Health Epidemiology Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 12 units are required for the graduate certificate in MCH Epidemiology.

Admission to the certificate requires completion of an undergraduate degree with a 2.75 GPA (based on the last 60 units).

The Graduate Certificate in Maternal and Child Health Epidemiology is offered fully online for the working professional who would like to develop a strong understanding of epidemiologic issues affecting reproduction, childhood and women's health. Students will build skills and competencies in utilizing epidemiology tools for managerial decision-making, developing and evaluating successful health intervention programs, and engaging families and communities to improve health outcomes. Students can complete the certificate in one academic year.

REQUIRED - (9 units)

EPID 555	Introduction to Maternal and Child Health Epidemiology
EPID 573A	Basic Principles of Epidemiology (3)
BIOS 576A	Biostatistics in Public Health (3)

ELECTIVE - (3 units)

CPH 536	Project Design, Implementation and Evaluation in MCH (3)
CPH 537	Evidence-based Methods in MCH (3)
CPH 554	MCH Information and Data Systems for Public Health (3)
CPH 557	Global Maternal Health: Cultural Perceptions and Policy Approaches (3)
500-level course as approved by Program Director (3)	

Graduate Certificate in One Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 12 units are required for the graduate certificate in One Health.

Admission to the certificate requires completion of an undergraduate degree with a 2.75 GPA (based on the last 60 units)

One Health is an academic discipline that has been recognized worldwide as a way to understand and address global challenges related to health. The One Health paradigm recognizes connections among the health of animals, the environment, and humans. New strategies are needed to cope with changing ecosystems that lead to altered patterns of disease transmission. Zoonotic infections (i.e., those spread between animals and people) are common in the U.S. and globally, such as the COVID-19 outbreak.

The Graduate Certificate in One Health is intended to 1) enhance the education of graduate students and professional students beyond their regular course of study; and 2) provide additional training to professions already in the field including researchers, Public Health practitioners, those in the medical field and others.

REQUIRED - (9 units)

- EHS/EPID 545 One Health Foundations (3) (Fall)
- EHS 546 One Health Approach and Case Studies (3) (Fall)
- EPID 579 Applied Infectious Disease Epidemiology (3) (Spring)

ELECTIVE - (3 units)

Select from:

- EHS 520 Environmentally Acquired Illnesses (3)
- EHS 5xx Life Course Epidemiology of Environmental Exposures (3)
- EHS 525 A Public Health Lens to Climate Change (3)
- EHS 526 Topics in Environmental Justice (3)
- EHS 528 Indigenous Research and Ethics (3)
- HPS 533 Global Health (3)
- EHS 539A Outbreaks and Environmental Microbiology; Then to Now (3)
- EHS 546 One Health Approach and Case Studies (3)
- EHS 551 One Health Systems Thinking (3)
- EHS 553 Toxicology and Chemical Exposures (3)
- HPS 559 Management of Global Public Health Emergencies (3)
- HPS 577 Social and Behavioral Aspects of Public Health (3)
- EPID 679 One Health Applications and Practice (3)

Graduate Certificate in Public Health Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 15 units are required for the graduate certificate in Public Health.

Admission to the certificate requires completion of an undergraduate degree with a 3.0 GPA cumulative or in last 60 units.

The Graduate Certificate in Public Health is a distance-learning program at MEZCOPH that offers working professionals a flexible and convenient option for advancing their public health training. The certificate is affiliated with the MPH degree and consists of the five core courses that are required of all MPH graduates.

This certificate may be completed fully online or fully in-person. Main Campus students have the option to choose between the two modes of delivery. It is a variable schedule program that can be completed in one to four years. Upon completion of the certificate, students who are admitted to the MPH program may apply all fifteen credits to their degree.

REQUIRED - (15 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics for Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)



Graduate Certificate in Public Health Emergency and Epidemic Preparedness Curriculum

Effective for those following the 2026/2027 academic curriculum guide

A minimum of 12 units are required for the graduate certificate in Public Health Emergency and Epidemic Preparedness.

Admission to the certificate requires completion of an undergraduate degree with a 2.75 GPA (based on the last 60 units).

The Graduate Certificate in Public Health Emergency and Epidemic Preparedness will provide participants with skills needed to support public health response to emergencies, epidemics, and pandemics. Upon completion of the certificate, students will have proficiency in the National Incident Management System, attain Centers for Disease Control & Prevention (CDC) Emergency Responder Tier Two level credentials (i.e., Certification in FEMA courses ICS 100, 200, 700, and 800), use epidemiological tools to conduct rapid assessment and public health investigation of emergencies/disease outbreaks, conduct contact-tracing, and demonstrate skills needed to support emergency response at local, state, national, or global levels. Individuals who successfully complete this certificate will also earn three FEMA certificates and a certificate in contact tracing. Delivered fully online through Arizona Online and on main campus, this certificate program can be completed in one year.

REQUIRED - (9 units)

EHS 559	Management of Public Health Emergencies (3)
EHS 589	Public Health Preparedness (3)
EHS 590	Pandemic Emergency Response Capstone (3)

ELECTIVE – (3 units)

HPS 534	Infectious Diseases, Global Health and Development (3)
EHS 539A	Outbreaks and Environmental Microbiology: Then to Now (3)
EHS 520	Environmentally Acquired Illnesses (3)
EHS 502	Environmental Monitoring Methods (3)
EHS/EPID 545	One Health Foundations (3)
EPID/BIOS/	Independent Study (1-6)
EHS/HPS 599	