

2021 – 2022 Public Health Curriculum Guide

Bachelor of Science with a major in Public Health (main campus)




The Bachelor of Science with a major in Public Health at the University of Arizona is a degree that will provide you with comprehensive coursework and experiential education in public health. In Arizona, the UA public health degree is the only program accredited by the Council on Education for Public Health.

You will have the opportunity to customize your degree experience to match your interests, aspirations, and future goals. Learn more about the emphasis areas and decide which is right for you.

Emphasis Options:	For students seeking careers in...	Students learn about...
Environmental and Occupational Health	Public health research, environmental health, occupational health and safety, industrial hygiene, compliance, and similar professions.	Industrial hygiene, health and safety hazards, hazard management, exposure and risk assessment, behavioral safety, and public health preparedness.
Global Health	A global setting or agencies concerned with global health.	Geographical variations of disease prevalence and how to develop, manage, and evaluate public health programs designed to address health disparate populations.
Health Promotion	Public health education, public health promotion, community outreach and assessment, social and behavioral sciences, and similar professions.	Health education methods, health promotion and intervention strategies, community services, cultural humility, and the impacts of sociocultural differences on public health.
Health Systems Theory and Practice	Health care administration, health care policy, public health management, and similar professions.	Economics of health care and health care reform, hospital management and administration, health policy, biological research, biomedicine, mental health issues, organizational assessment and planning, and public health marketing.
One Health	Research between animal, human and environmental interactions, epidemiology, zoonotic disease research, and similar professions.	Climate change, environmentally acquired illnesses, shifts in human interaction with the natural world and how it affects human health, identifying the interconnection between people, animals, plants, and their shared environment.
Quantitative Methods in Public Health	Public health research, epidemiology, biostatistics, data analysis and collection, health data management, and similar professions.	Quantitative methods often used to address public health issues, including study designs, data collection, analysis, acquisition and integration concepts from genetic association studies and infectious disease studies, data assessment and visualization, and data analysis and communication.

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	THE UNIVERSITY OF ARIZONA Mel & Enid Zuckerman College of Public Health	Curriculum Guide: 2021-2022 Bachelor of Science Major in Public Health
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Aspirations for after graduation: _____

Expected Graduation date: _____

PRE-MAJOR PREREQUISITE COURSES <i>(all units required, grades C or higher)</i>				
Please note: students are eligible to apply to the major when the remaining prerequisite coursework is 5 units or fewer.				
Course Number and Title	Units	Notes	Semester/Year	Grade
First Semester Composition ENGL 101, 101A or 107	3			
Second Semester Composition ENGL 102, 108 or 109H	3			
Second Language Second Semester Language Proficiency	0-8			
College Algebra MATH 112 or higher	3			
Personal Health and Wellness HPS 178	3			
Introduction to Public Health HPS 200	3			
Introduction to Nutrition NSC 101	3			
Chemistry CHEM 130/130L and selective science* or CHEM 151 and CHEM 152 or CHEM 141/143 and CHEM 142/144 or CHEM 161/163 and CHEM 162/164	7-8			
Introductory Biology MCB 181R	3			
Introductory Biology Lab MCB 181L	1			

***Selective science:** ECOL 182R, PSIO 202, MIC 205A, CHEM 241A, PHYS 102, PHYS 142, PHYS 161H or approved transfer course (1st Semester Chemistry cannot be used as selective science).

GENERAL EDUCATION COURSES <i>(all units required before graduation, grades D or higher)</i>				
Individuals and Societies - Tier I: 150 numbered course	3			
Individuals and Societies - Tier I: 150 numbered course	3			
Traditions and Cultures - Tier I: 160 numbered course	3			
Traditions and Cultures - Tier I: 160 numbered course	3			
Arts or Humanities - Tier II	3			
Individuals and Societies - Tier II (PHPM 310/HPS 387/HPS 300 may not be used)	3			

Arizona transfer students: AGEC Complete? YES NO IN PROGRESS _____

REQUIRED PUBLIC HEALTH COURSES

All courses on this page must be completed to graduate with a major in public health.

PUBLIC HEALTH CORE ONE *(all 25 units required, grades C or higher)*

*Students may complete these courses as pre-public health students or public health students, if individual course prerequisites are met.

Course Number and Title	Units	Semester Typically Offered	Notes	Semester/Year	Grade
PSIO 201* or 380* Anatomy and Physiology I or Fundamentals of Human Physiology	4	Fall, Spring, Summer			
HPS 307 Public Health Narratives or ENGL 307* or 308* Business Writing or Technical Writing	3	Fall, Spring, Summer			
EPID 309 Introduction to Epidemiology	3	Fall, Spring			
PHPM 310 Health Care in the U.S.	3	Fall, Spring			
HPS 350 Principles of Health Education and Health Promotion	3	Fall, Spring			
EHS 375 Introduction to Environmental and Occupational Health	3	Fall, Spring, Summer			
BIOS 376 Introduction to Biostatistics	3	Fall, Spring			
HPS 387 Health Disparities and Minority Health	3	Fall, Spring, Summer			

*Course availability/offerings for PSIO and ENGL courses determined by the Physiology and English departments



To enroll in 400-level public health courses:

Students must have applied and been admitted to the **professional public health major**

(To apply to the public health major, students must have completed the necessary pre-major prerequisites and have a cumulative UA GPA of 2.0 or higher)



PUBLIC HEALTH CORE TWO *(all 6 units required, grades C or higher)*

*Students **must be admitted to the professional public health major** to enroll in these courses.

HPS 433 Global Health	3	Fall, Spring			
HPS 478 Public Health Nutrition	3	Fall, Spring			

PUBLIC HEALTH INTERNSHIP *(all 6 units required, grade P or S)*

Students can customize their degree with an internship experience tailored to their interests and future goals.

*Students **must be admitted** to the professional public health major to enroll in this course.

** To complete the required internship, students must have satisfactorily completed HPS 178, HPS 200, HPS 350, and the [internship prep orientation](#).

***It is recommended to split the internship over two terms (fall, spring, summer).

****Students are limited to the UA maximum of 19 units/semester when completing internship units.

HPS 493A(/H) Public Health Internship	3	Fall, Spring, Summer			
HPS 493A(/H) Public Health Internship	3	Fall, Spring, Summer			

Extracurricular involvement (work, clubs, volunteer, research, etc.):

PUBLIC HEALTH EMPHASIS COURSES (Select ONE (1) emphasis and complete 12 units in that emphasis with grades D or higher)

Environmental and Occupational Health Emphasis:

Select any 9 units in addition to the required EHS 484** course

	Units	Semester Typically Offered	Notes	Semester/Year	Grade
EHS 484** Fundamentals of Industrial and Environmental Health	3	Fall			
HPS 401 Introduction to Mapping for Public Health	3	Summer			
HPS 409 Global Water, Sanitation, and Hygiene (WaSH)	3	Spring			
EHS 418 Introduction to Health Risk Assessment	3	Fall			
EHS 420 Environmentally Acquired Illnesses	3	Spring			
EHS 422 Safety Fundamentals	3	Spring			
EHS 425 A Public Health Lens to Climate Change	3	Fall			
EHS 426 Topics in Environmental Justice	3	Fall			
EHS 439A Outbreaks and Environmental Biology: Then to Now	3	Summer			
EHS 489 Public Health Preparedness	3	Fall			

Global Health Emphasis:

Select any 12 units

	Units	Semester Typically Offered	Notes	Semester/Year	Grade
HPS 401 Introduction to Mapping for Public Health	3	Summer			
HPS 404 Fundamentals of Evaluation	3	Spring			
HPS 409 Global Water, Sanitation, and Hygiene (WaSH)	3	Spring			
EPID 411 Health and Disease Across Time and the World	3	Spring			
HPS 416 The World's Food and Health	3	Fall			
HPS 417 Health Systems in Global Health	3	Fall			
HPS 459 Management of Global Public Health Emergencies	3	Fall			
EPID 479 Infections and Epidemics	3	Spring			
Upper Division Public Health Study Abroad Credits	3-6	Fall, Spring, Summer*			

Health Promotion Emphasis:

Select any 12 units

	Units	Semester Typically Offered	Notes	Semester/Year	Grade
HPS 400 Contemporary Community Health Problems	3	Fall			
HPS 401 Introduction to Mapping for Public Health	3	Summer			
HPS 403 Applications in Health Promotion: Behavioral Theories & Health	3	Fall			
HPS 404 Fundamentals of Evaluation	3	Spring			
HPS 409 Global Water, Sanitation, and Hygiene (WaSH)	3	Spring			
HPS 481 Health Education Intervention Methods	3	Spring			
HPS 488 Adolescent Health	3	Spring			
HPS 497E Public Health for Community Wellness	2	Fall, Spring			
HPS 497G Open Airways for Schools	1	Fall, Spring			
HPS 497L Public Health for School and Community Based Obesity Prevention	2	Fall, Spring			

Health Systems Theory and Practice Emphasis:					
Select any 12 units	Units	Semester Typically Offered	Notes	Semester/Year	Grade
HPS 402 Corporate Wellness	3	Summer			
HPS 405 Biology in Public Health Research and Practice	3	Spring			
PHPM 407 Health Economics and Policy	3	Fall, Spring			
HPS 412 Public Health Approaches to Mental Health Disorders in the US	3	Spring			
HPS 417 Health Systems in Global Health	3	Fall			
PHPM 415 Strategic Planning	3	Fall			
PHP 421 Introduction to Public Health Law and Ethics	3	Summer			
PHPM 458 Health Care Marketing	3	Spring			

One Health Emphasis:					
Select any 6 units in addition to the required EHS/EPID 445** and EHS 446** courses	Units	Semester Typically Offered	Notes	Semester/Year	Grade
EHS/EPID 445** One Health Foundations	3	Spring			
EHS 446** One Health Approach and Case Studies	3	Fall			
HPS 409 Global Water, Sanitation, and Hygiene (WaSH)	3	Spring			
EHS 418 Introduction to Health Risk Assessment	3	Fall			
EHS 420 Environmentally Acquired Illnesses	3	Spring			
EHS 439A Outbreaks and Environmental Biology: Then to Now	3	Summer			
EPID 479 Infections and Epidemics	3	Spring			

Quantitative Methods in Public Health Emphasis:					
Select any 12 units	Units	Semester Typically Offered	Notes	Semester/Year	Grade
HPS 401 Introduction to Mapping for Public Health	3	Summer			
EPID 411 Health and Disease Across Time and the World	3	Spring			
EPID/BIOS 450 Health Data Acquisition, Assessment, and Integration	3	Fall			
BIOS/EPID 451 Health Data Management and Visualization	3	Fall			
BIOS/EPID 452 Health Data Analysis and Communication Methods	3	Spring			
EPID/BIOS 453 Health Data Science Practice	3	Spring			
EPID 479 Infections and Epidemics	3	Spring			

PUBLIC HEALTH ELECTIVE COURSES (9 units, grades D or higher)

*Emphasis course options may be used as elective options but these courses cannot be double-dipped. Talk with your advisor about the best options for your future plans.

Course Number and Title	Units	Semester Typically Offered	Notes	Semester/Year	Grade
HPS 300 Public Health in the 21 st Century	3	Fall			
PHP 301 Introduction to Gerontology	3	Spring			
PHP 305 Population Health in the Digital Age	3	Fall, Spring, Summer			
HPS 306 Drugs and Society	3	Fall, Spring			
PHP 308 Community Health Education for Disease Outbreaks	3	Fall			
PHP 312 Health Promotion and Well-being in Later Life	3	Fall			
HPS 313 Health and Medicine in Classic Antiquity	3	Spring			
PHP 322 Health Education and Ethical Leadership	3	Spring			
HPS 330 Human Sexuality	3	Fall, Spring, Summer			
HPS 408 Disabilities in Public Health	3	Spring			
HPS 425 Latino Health Disparities	3	Fall			
PHP 436 Aging, Environment & Well-being	3	Fall, Spring			
PHP 437 Management and Leadership in Long-term Care	3	Spring			
PHP 438 Health Profession Finance	3	Fall, Spring			
HPS 438A Women's Health in the Global Perspective	3	Fall			
PHP 440 Medicaid: Policy, Politics, and Practices of Access to Healthcare	3	Fall			
HPS 444 Rethinking Race and Health in the United States	3	Fall			
PHP 447 Case Studies in State Health Policy	3	Spring			
HPS 449 Family Violence	3	Fall			
HPS 487 Feminist Interpretations of Health	3	Fall, Summer			
CPH 491 Preceptorship	1-3	Fall, Spring, Summer			
CPH 492/399/499 Directed Research/Independent Study	1-3	Fall, Spring, Summer			
HPS 493B (Elective) Internship in Public Health	1-6	Fall, Spring, Summer			
EPID 495 Special Topics in Epidemiology	3	Fall, Spring			
HPS 497F Community and School Garden Workshop	2-6	Fall, Spring			
EPID 497S Skin Cancer Prevention in the Community Setting	1-2	Fall, Spring			
CPH 498H Honors Thesis	3-6	Fall, Spring, Summer			

GENERAL ELECTIVES (*consult with your advisor about how many units you need to reach the University minimum of 120 total units. Most public health students need 15 units. Grades D or higher*)

These courses can be *any* units, including prerequisite requirements for your future aspirations, transfer coursework not directly applicable to degree requirements, minor coursework, etc.

Course Number and Title	Units	Notes	Semester/Year	Grade

Notes: