

2021 – 2022 Public Health Curriculum Guide (Online Program)

Bachelor of Science with a major in Public Health



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 Systems: Theory & 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.
Public Health Practice	Applied public health practice, in governmental and non-governmental settings.	Public health evaluation, strategic planning for public health programming and originations, health care economics, and public health law.

Name: _____

ID: _____

Edit Date: _____



THE UNIVERSITY OF ARIZONA

Mel & Enid Zuckerman
College of Public Health

ONLINE PROGRAM - Curriculum Guide:

2021-2022Bachelor of Science
Major in Public Health

Aspirations for after graduation: _____

Expected Graduation date: _____

PRE-MAJOR PREREQUISITE COURSES (all units required, grades C or higher)

Please note: students are eligible to apply to the major when the remaining prerequisite coursework is 5 units or fewer.

Pre-Req Courses Available Online at the UA: Course Number/Title	Units	Notes	Semester/Year	Grade
First Semester Composition ENGL 101	3			
Second Semester Composition ENGL 102	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 141/145 and CHEM 142/146 or Transferred courses: CHEM 101A/101B/102 or CHEM 151/152 *Selective science: ECOL 182R, PSIO 202, MIC 205A, CHEM 241A, PHYS 102 or approved transfer course (1 st Semester Chemistry cannot be used as selective science).	7-8			
Introductory Biology MCB 181R	3			
Introductory Biology Lab MCB 181L	1			

GENERAL EDUCATION COURSES (all units required before graduation, grades D or higher)

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 380 Fundamentals of Human Physiology or PSIO 201 Human Anatomy and Physiology I	4	Fall Fall, Summer			
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			
HPS 350 Principles of Health Education and Health Promotion	3	Fall, Spring			
EHS 375 Introduction to Environmental and Occupational Health	3	Fall, Spring			
BIOS 376 Introduction to Biostatistics	3	Spring			
HPS 387 Health Disparities and Minority Health	3	Fall, Summer			

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			
HPS 478 Public Health Nutrition	3	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 Public Health Internship	3	Fall, Spring, Summer			
HPS 493A 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:		Semester Typically				
Select any 9 units in addition to the required EHS 425** course		Units	Offered	Notes	Semester/Year	Grade
EHS 425** A Public Health Lens to Climate Change	3	Fall	Required			
HPS 401 Introduction to Mapping for Public Health	3	Summer				
HPS 409 Global Water, Sanitation, and Hygiene (WaSH)	3	Spring				
EHS 420 Environmentally Acquired Illnesses	3	Spring				
EHS 439A Outbreaks and Environmental Biology: Then to Now	3	Summer				

Global Health Emphasis:		Semester Typically				
Select any 12 units		Units	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				
HPS 417 Health Systems in Global Health	3	Fall				
HPS 459 Management of Global Public Health Emergencies	3	Fall				

Health Systems: Theory and Practice Emphasis:		Semester Typically				
Select any 12 units		Units	Offered	Notes	Semester/Year	Grade
HPS 405 Biology in Public Health	3	Fall				
HPS 402 Corporate Wellness	3	Summer				
PHPM 407 Health Economics and Policy	3	Fall, 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:		Semester Typically				
Select any 6 units in addition to the required EHS/EPID 445** and EHS 446** courses		Units	Offered	Notes	Semester/Year	Grade
EHS/EPID 445** One Health Foundations	3	Fall	Required			
EHS 446** One Health Approach and Case Studies	3	Fall	Required			
HPS 409 Global Water, Sanitation, and Hygiene (WaSH)	3	Spring				
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				

Public Health Practice Emphasis:		Semester Typically				
Select any 12 units		Units	Offered	Notes	Semester/Year	Grade
HPS 404 Fundamentals of Evaluation	3	Spring				
PHPM 407 Health Economics and Policy	3	Fall, Spring				
PHPM 415 Strategic Planning	3	Fall				
PHP 421 Introduction to Public Health Law and Ethics	3	Summer				
PHP 436 Aging, Environment & Well-being	3	Fall, Spring				
PHP 437 Management and Leadership in Long-term Care	3	Spring				
PHP 440 Medicaid: Policy, Politics, and Practices of Access to Healthcare	3	Fall				
PHP 447 Case Studies in State Health Policy	3	Spring				
HPS 499 Independent Study	3	Fall, Spring, Summer				

 *Students can further customize their degree by choosing general and public health electives.

GENERAL ELECTIVES <i>(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)</i>				
These courses can be <i>any</i> 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

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			
PHP 308 Community Health Education for Disease Outbreaks	3	Fall			
PHP 312 Health Promotion and Well-being in Later Life	3	Fall			
PHP 322 Health Education and Ethical Leadership	3	Spring	Pre-reqs: HPS 178 and HPS 200		
HPS 330 Human Sexuality	3	Summer			
PHP 438 Health Profession Finance	3	Fall, Spring	Starting Spring 2022		
BIOS 452 Health Data Analysis and Communication Methods	3	Spring			
EPID 453 Health Data Science Practice	3	Spring			
EPID/HPS/PHP/EHS/PHPM 399/499 Independent Study	1-3	Fall, Spring, Summer			
HPS 493B (Elective) Internship in Public Health	1-6	Fall, Spring, Summer			

Notes: