# UA College of Public Health Logo**2023 – 2024 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](https://ceph.org/).

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 are often used to address public health issues, including study designs, data collection, analysis, acquisition and integration of concepts from genetic association studies and infectious disease studies, data assessment and visualization, and data analysis and communication. | |
| **Name:** | | | **ID:** | | **Edit Date:** | |
| UA College of Public Health Logo | | |  | | **Curriculum Guide: 2023-2024**  Bachelor of Science  Major in Public Health | |

**Aspirations for after graduation:**

**Admit Term:**      **Requirement Term in UPBLH (Fall 2022 and later):**       **Expected Graduation date:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ADVANCED STANDING PREREQUISITE COURSES** *(all units required, grades C or higher)* | | | | |
| Please note: students are eligible to apply for advanced standing 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 | First-semester chem: Pre or co-req: Math 112    Second-semester chemistry: Pre-req Math 112 and first-semester chemistry |  |  |
| **Introductory Biology** MCB 181R | 3 | Chemistry is recommended before Biology |  |  |
| **Introductory Biology Lab** MCB 181L | 1 |  |  |  |
| **\*Selective science:** ECOL 182R, PSIO 201, PSIO 380, 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** *(all units required before graduation, grades D or higher; if admitted to UArizona Fall 2021 or earlier, use below structure.)* | | | | |
| **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 21 units required, grades C or higher)*  \*Students may complete these courses with or without advanced standing if individual course prerequisites are met. | | | | | | | | | | |
| Course Number and Title | Units | | Semester Typically Offered | | | Notes | | Semester/Year | | Grade |
| **HPS 307** Public Health Narratives **or**  **ENGL 307\* or 308\*** Business Writing or Technical Writing | 3 | | Fall, Spring, Summer | | | Pre-req: ENGL 109H OR ENGL 102 HPS 307 offered Spring and Fall | |  | |  |
| **EPID 309** Introduction to Epidemiology | 3 | | Fall, Spring | | | Pre-req: MATH 112 | |  | |  |
| **PHPM 310** Health Care in the U.S. | 3 | | Fall, Spring | | |  | |  | |  |
| **HPS 350** Principles of Health Education and Health Promotion | 3 | | Fall, Spring | | | Pre-req: HPS 178 & HPS 200 | |  | |  |
| **EHS 375** Introduction to Environmental and Occupational Health | 3 | | Fall, Spring, Summer | | | Pre or co-req: EPID 309 | |  | |  |
| **BIOS 376** Introduction to Biostatistics | 3 | | Fall, Spring | | | Pre-req: MATH 112 | |  | |  |
| **HPS 387** Health Disparities and Minority Health | 3 | | Fall, Spring, Summer | | |  | |  | |  |
| \*Course availability/offerings for ENGL courses determined by the English department. | | | | | | | | | | |
| **To enroll in 400-level public health courses:**  Students must have achieved advanced standing in the public health major  *(To achieve advanced standing, students must have completed the prerequisite coursework and have a cumulative UA GPA of 2.0 or higher.)* | | | | | | | | | | |
|  |  | |  | | |  | |  | |  |
| **PUBLIC HEALTH CORE TWO** *(all 9 units required, grades C or higher)*  \*Students **must have achieved advanced standing in the public health major** to enroll in these courses. | | | | | | | | | | |
| **HPS 405** Biology in Public Health | 3 | | Fall, Spring | | |  | |  | |  |
| **HPS 433** Global Health | 3 | | Fall, Spring | | | Pre or co-req: HPS 200 & EPID 309 | |  | |  |
| **HPS 478** Public Health Nutrition | 3 | | Fall, Spring | | | Pre or co-req: HPS 350 & EPID 309 | |  | |  |
|  |  | |  | | |  | |  | |  |
| **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 have achieved advanced standing in the 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](https://publichealth.arizona.edu/undergraduate/internships).  \*\*\*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 | | | Pre-req: HPS 350 | |  | |  |
| **HPS 493A(/H)** Public Health Internship | 3 | | Fall, Spring, Summer | | | Pre-req: HPS 350 | |  | |  |
| **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 | \*\*Required course | |  | |  | |
| **HPS 401** Introduction to Mapping for Public Health | | 3 | | Summer | Pre-req: EPID 309 | |  | |  | |
| **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 | | Spring |  | |  | |  | |
| **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 |  | |  | |  | |
| **\*Semesters typically offered are subject to change. Remember to check the schedule of classes for course availability.** | | | | | | | | | | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |
| **Global Health Emphasis:**  Select any 12 units (study abroad optional) | | Units | | Semester Typically Offered\* | Notes | | Semester/Year | | Grade | |
| **HPS 401** Introduction to Mapping for Public Health | | 3 | | Summer | Pre-req: EPID 309 | |  | |  | |
| **HPS 404** Fundamentals of Evaluation | | 3 | | Spring | Pre-req: HPS 350 | |  | |  | |
| **HPS 409** Global Water, Sanitation, and Hygiene (WaSH) | | 3 | | Spring |  | |  | |  | |
| **EPID 411** Health and Disease Across Time and the World | | 3 | | Spring |  | |  | |  | |
| **GHI 414** Intercultural Communication for Health Sciences | | 3 | | Fall |  | |  | |  | |
| **HPS 416** The World’s Food and Health | | 3 | | Fall | Pre or co-req: EPID 309 | |  | |  | |
| **HPS 417** Health Systems in Global Health | | 3 | | Fall |  | |  | |  | |
| **CPH/GHI 432** Food in 2050 and Beyond: Climate Change and Global Health | | 3 | | Spring |  | |  | |  | |
| **GHI 440** Comparative Health Analysis from a Global Perspective | | 3 | | Summer | Starting Summer 2023 | |  | |  | |
| **CPH/GHI 457** Global Maternal Health: Cultural Perceptions and Policy Approaches | | 3 | | Fall |  | |  | |  | |
| **HPS 459** Management of Global Public Health Emergencies | | 3 | | Fall |  | |  | |  | |
| **EPID 479** Infections and Epidemics | | 3 | | Spring | Pre or co-req: EPID 309 | |  | |  | |
| **CPH/GHI 481** Food System Preparedness for Global Emergency Risks | | 3 | | Spring |  | |  | |  | |
| **Upper Division** Public Health Study Abroad Credits | | 3-6 | | Fall, Spring, Summer\* | \*Summer: MEZCOPH led | |  | |  | |
| **\*Semesters typically offered are subject to change. Remember to check the schedule of classes for course availability.** | | | | | | | | | | |
|  | |  | |  |  | |  | |  | |
| **Health Promotion Emphasis:**  Select any 12 units | | Units | | Semester Typically Offered\* | Notes | | Semester/Year | | Grade | |
| **HPS 400** Contemporary Community Health Problems | | 3 | | Fall | Pre or co-req: HPS 350 | |  | |  | |
| **HPS 401** Introduction to Mapping for Public Health | | 3 | | Summer | Pre-req: EPID 309 | |  | |  | |
| **HPS 402** Corporate Wellness | | 3 | | Summer | Pre-req: HPS 350 | |  | |  | |
| **HPS 403** Applications in Health Promotion: Behavioral Theories & Health | | 3 | | Fall | Pre-req: HPS 178 | |  | |  | |
| **HPS 404** Fundamentals of Evaluation | | 3 | | Spring | Pre-req: HPS 350 | |  | |  | |
| **HPS 408** Disabilities in Public Health | | 3 | | Spring |  | |  | |  | |
| **HPS 409** Global Water, Sanitation, and Hygiene (WaSH) | | 3 | | Spring |  | |  | |  | |
| **HPS 412** Public Health Approaches to Mental Health Disorders in the US | | 3 | | Spring |  | |  | |  | |
| **HPS 442** Nicotine Dependence, Treatment, and Coaching Interventions | | 3 | | TBD |  | |  | |  | |
| **HPS 449** Family Violence | | 3 | | Fall |  | |  | |  | |
| **HPS 481** Health Education Intervention Methods | | 3 | | Spring | Pre-req: HPS 350 | |  | |  | |
| **HPS 488** Adolescent Health | | 3 | | Spring |  | |  | |  | |
| **HPS 497E** Public Health for Community Wellness | | 2 | | Fall, Spring | Pre-req: HPS 350 | |  | |  | |
| **HPS 497L** Public Health for School and Community Based Obesity Prevention | | 2 | | Fall, Spring |  | |  | |  | |
| **\*Semesters typically offered are subject to change. Remember to check the schedule of classes for course availability.** | | | | | | | | | | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |
| **Health Systems Theory and Practice Emphasis:**  Select any 12 units | | Units | | Semester Typically Offered\* | Notes | | Semester/Year | | Grade | |
| **HPS 402** Corporate Wellness | | 3 | | Summer | Pre-req: HPS 350 | |  | |  | |
| **PHPM 407** Health Economics and Policy | | 3 | | Fall, Spring | Pre or co-req: PHPM 310 | |  | |  | |
| **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 448** Addiction and Substance Use Policy | | 3 | | Fall |  | |  | |  | |
| **PHPM 458** Health Care Marketing | | 3 | | Spring |  | |  | |  | |
| **\*Semesters typically offered are subject to change. Remember to check the schedule of classes for course availability.** | | | | | | | | | | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |
|  | |  | |  |  | |  | |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 | Fall | \*\*Required course |  |  |
| **EHS 446\*\*** One Health Approach and Case Studies | 3 | Fall | \*\*Required course |  |  |
| **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 | Pre or co-req: EPID 309 |  |  |
| **\*Semesters typically offered are subject to change. Remember to check the schedule of classes for course availability.** | | | | | |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **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 | Pre-req: EPID 309 |  |  |
| **EPID 411** Health and Disease Across Time and the World | 3 | Spring |  |  |  |
| **EPID/BIOS 450** Health Data Acquisition, Assessment, and Integration | 3 | Fall | Pre-req: EPID 309 & BIOS 376 |  |  |
| **BIOS/EPID 451** Health Data Management and Visualization | 3 | Fall | Pre-req: EPID 309 & BIOS 376 |  |  |
| **BIOS/EPID 452** Health Data Analysis and Communication Methods | 3 | Spring | Pre-req: EPID 309 & BIOS 376 |  |  |
| **EPID/BIOS 453** Health Data Science Practice | 3 | Spring | Pre-req: EPID 309 & BIOS 376 |  |  |
| **EPID 479** Infections and Epidemics | 3 | Spring | Pre-req: EPID 309 |  |  |
|  | | | | | |
| **\*Semesters typically offered are subject to change. Remember to check the schedule of classes for course availability.** | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 21st Century | 3 | Fall |  |  |  |
| **PHP 301** Introduction to Gerontology | 3 | Spring |  |  |  |
| **HPS/GHI 302** Introduction to Program Evaluation in Global Health | 3 | Fall |  |  |  |
| **PHP 305** Population Health in the Digital Age | 3 | Fall, Spring |  |  |  |
| **HPS 306** Drugs and Society | 3 | Fall, Spring |  |  |  |
| **PHP 308** Community Health Education for Disease Outbreaks | 3 | Fall |  |  |  |
| **HPS 311** Childhood Obesity | 3 | Fall |  |  |  |
| **PHP 312** Health Promotion and Well-being in Later Life | 3 | Fall |  |  |  |
| **HPS 313** Health and Medicine in Classic Antiquity | 3 | Spring |  |  |  |
| **EHS 320** Disaster Management and Response | 3 | Fall |  |  |  |
| **PHP 322** Health Education and Ethical Leadership | 3 | Spring | Pre-req: HPS 178 & 200 |  |  |
| **CPH/GHI 325** DietaryAssessment in Public Health Practice | 3 | Spring |  |  |  |
| **HPS 330** Human Sexuality | 3 | Fall, Spring, Summer |  |  |  |
| **CPH 402** Climate and Health | 3 | Summer |  |  |  |
| **PHP 419** Alzheimer's Disease, Other Dementias and the Role of Public Health | 3 | Fall |  |  |  |
| **PHP 424** Optimizing Well-being and Resilience in Older Adults | 3 | Fall |  |  |  |
| **HPS 425** Latino Health Disparities | 3 | Fall |  |  |  |
| **EHS 428** Indigenous Research and Ethics | 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 |  |  |  |
| **EPID 454A** Healthy Aging in Action I | 3 | Spring |  |  |  |
| **EPID 454B** Healthy Aging in Action II | 3 | Fall |  |  |  |
| **HPS 487** Feminist Interpretations of Health | 3 | Fall, Summer | Pre-req: 2 lower-division GWS classes, GWS 305 strongly suggested |  |  |
| **CPH 491** Preceptorship | 1-3 | Fall, Spring, Summer |  |  |  |
| **\*Semesters typically offered are subject to change. Remember to check the schedule of classes for course availability.**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **PUBLIC HEALTH ELECTIVE COURSES CONTINUED** *(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 | | **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 | Pre-req: HPS 178 & 200 & 6 units of CPH credit |  |  | | **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 |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  |   **\*Semesters typically offered are subject to change. Remember to check the schedule of classes for course availability.** | | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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: |