# **UA College of Public Health Logo2022-2023 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](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.

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| 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 heath 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 Heath 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:**       |
| UA College of Public Health Logo | **ONLINE PROGRAM - Curriculum Guide: 2022-2023**Bachelor of Science Major in Public Health |
| **Aspirations after graduation:**       |
| **Admit term:**       **Requirement Term for UPBLH:**       |  **Expected Graduation Date:**       |

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| **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. |
| 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 | 7-8 | - First-semester chem: Pre or co-req: Math 112- \*Selective science: ECOL 182R, PSIO 201, PSIO 380, CHEM 241A, PHYS 102, or approved transfer course (1st semester chemistry cannot be used as selective science).  |       |       |
| **Introductory Biology** MCB 181R  | 3 |       |       |       |
| **Introductory Biology Lab** MCB 181L | 1 |       |       |       |

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| **GENERAL EDUCATION COURSES** *(all units required before graduation, grades D or higher; Admitted Spring 2022 & after, use General Education program below. Up to nine (9) units can be double dipped with general education courses and public health major courses.)* |
| **Introduction to General Education Experience** UNIV 101 | 1 |       |       |       |
| **Exploring Perspectives –** Artist | 3 |       |       |       |
| **Exploring Perspectives** – Humanist | 3 |       |       |       |
| **Exploring Perspectives** – Natural Scientist | 3 |       |       |       |
| **Exploring Perspectives** – Social Scientist  | 3 | HPS 178 or 200 will satisfy this requirement  |       |       |
| **Building Connections** | 3 | HPS 387 will satisfy this requirement |       |       |
| **Building Connections** | 3 |       |       |       |
| **Building Connections** | 3 |       |       |       |
| **General Education Portfolio** UNIV 301 | 1 |       |       |       |

**Arizona transfer students: AGEC Complete?** [ ]  YES [ ]  NO [ ]  IN PROGRESS

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| **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 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 |
| **ENGL 307 or 308** Business Writing or Technical Writing | 3 | Fall, Spring, Summer | Pre-req: ENGL 109H OR ENGL 102 |       |       |
| **EPID 309** Introduction to Epidemiology | 3 | Fall, Spring | Pre-req: MATH 112 |       |       |
| **PHPM 310** Health Care in the U.S. | 3 | Fall |       |       |       |
| **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 | Spring | Pre-req: MATH 112 |       |       |
| **HPS 387** Health Disparities and Minority Health | 3 | Fall, Summer |       |       |       |
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| **To enroll in 400-level public health courses:**Students must have achieved advanced standing in the public health major*(To achieve advanced standing in the public health major, students must have completed the necessary prerequisite coursework and have a cumulative UA GPA of 2.0 or higher)* |
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| **PUBLIC HEALTH CORE TWO** *(all 9 units required, grades C or higher)*\*Students **must have advanced standing in the public health major** to enroll in these courses. |
| **HPS 405** Biology in Public Health  | 3 | Fall |       |       |       |
| **HPS 433** Global Health | 3 | Fall | Pre or co-req: HPS 200 & EPID 309 |       |       |
| **HPS 478** Public Health Nutrition | 3 | Spring | Pre or co-req: HPS 350 & EPID 309 |       |       |
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| **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** Public Health Internship | 3 | Fall, Spring, Summer | Pre-req: HPS 350 |       |       |
| **HPS 493A** Public Health Internship | 3 | Fall, Spring, Summer | Pre-req: HPS 350 |       |       |

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

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

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| **Environmental and Occupational Health Emphasis:**Select any 9 units in addition to the required EHS 425\*\* course | Units | Semester Typically Offered | Notes | Semester/Year | Grade |
| **EHS 425\*\*** A Public Health Lens to Climate Change | 3 | Spring | \*\*Required |       |       |
| **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 420** Environmentally Acquired Illnesses | 3 | Spring |       |       |       |
| **EHS 439A** Outbreaks and Environmental Biology: Then to Now | 3 | Summer |       |       |       |
|  | Units | Semester Typically Offered | Notes | Semester/Year | Grade |
| **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 | 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 |       |       |       |
| **GHI 414** Intercultural Communication for Health Sciences | 3 | Fall |       |       |       |
| **HPS 417** Health Systems in Global Health | 3 | Fall |       |       |       |
| **GHI 440** Comparative Health Analysis from a Global Perspective | 3 | Summer | Starting Summer 2023 |       |       |
| **HPS 459** Management of Global Public Health Emergencies | 3 | Fall |       |       |       |
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| **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 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 |       |       |       |

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| **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 |       |       |
| **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 |       |       |       |

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| **Public Health Practice Emphasis:**Select any 12 units | Units | Semester Typically Offered | Notes | Semester/Year | Grade |
| **HPS 404**  Fundamentals of Evaluation | 3 | Spring | Pre-req: HPS 350 |       |       |
| **PHPM 407** Health Economics and Policy  | 3 | Fall, Spring | Pre or co-req: PHPM 310 |       |       |
| **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 438** Health Profession Finance |  | Fall, 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 |       |       |       |
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\*Students can further customize their degree by choosing general and public health electives.

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| **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 |
|       |       |       |       |       |
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| **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 302** Program Evaluation in Global Health  | 3 | Fall |       |       |       |
| **PHP 305** Population Health in the Digital Age | 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 |       |       |       |
| **PHP 322** Health Education and Ethical Leadership | 3 | Spring | Pre-reqs: HPS 178 and HPS 200 |       |       |
| **HPS 330** Human Sexuality | 3 | Summer |       |       |       |
| **BIOS 452** Health Data Analysis and Communication Methods | 3 | Spring | Pre-reqs: EPID 309 and BIOS 376 |       |       |
| **EPID 453** Health Data Science Practice | 3 | Spring | Pre-reqs: EPID 309 and BIOS 376 |       |       |
| **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 |       |       |       |
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| Notes:       |