










2024 - 2025 Major Map

Population Health, BS

School/College: College of Health Solutions
NHPOPHLBS

ASU is not currently accepting applications for this program. Interested students should apply to the **Public Health BS** program.

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SCIT OR SQ)	4	C	<ul style="list-style-type: none"> ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. Students interested in pursuing graduate school should take a higher level math in Term 1 (or later as an elective for those placing into MAT 117 in Term 1). Join a student club or professional organization.
 CHS 101: The ASU Experience for Health Solutions Students	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MATH OR MA)	3	C	
SOC 101: Introductory Sociology (SOBE OR SB)	3	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SCIT OR SG)	4	C	<ul style="list-style-type: none"> First-year students must complete CHS 100; students who enter with more than 45 hours may complete CHS 300. Visit the CHS website for current student resources including forms and policies, advising appointment scheduling, internship information, and more.
CHS 100: Optimizing Your Health and Performance (SOBE OR SB) OR CHS 300: An Exploration of Well-Being (SOBE OR SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
POP 100: Introduction to Population Health	3	C	
Global Communities, Societies and Individuals (GCSI)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
CHS 280: Experiential Community Health and Research	3	C	<ul style="list-style-type: none"> Students can complete any topic offered under CHS 280. Secure a part-time job or volunteer opportunities to gain experience. Become a student member of a professional organization.
Humanities, Arts and Design (HUAD)	3		
Sustainability (SUST)	3		
Complete 2 courses: Elective (ASB 100 OR NTR 100 recommended)	6		
 Complete Mathematics (MATH) requirement.			
Term hours subtotal:	15		
Term 4 45 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
			<ul style="list-style-type: none"> Explore an internship.

❗ HCD 201: Economics for Health Majors OR ECN 211: Macroeconomic Principles (SOBE OR SB) OR ECN 212: Microeconomic Principles (SOBE OR SB)	3	C
BMI 102: Introduction to Population Health Informatics	3	C
American Institutions (AMIT)	3	
Complete 2 courses:		
Elective (ENG 203 OR HEP 102 OR MED 394 recommended)	6	
Term hours subtotal:	15	

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHS 340: Health Theory	3	C	<ul style="list-style-type: none"> Gather professional references.
HCD 300: Biostatistics (QTRS OR CS)	3	C	
HSC 310: Health Communication	3	C	
MED 320: Applied Medical/Health Care Ethics (HUAD OR HU)	3	C	
POP 333: Systems Thinking in Population Health	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EXW 450: Social Determinants of Health and Health Behavior (CIVI OR (L or SB) & C)	3	C	<ul style="list-style-type: none"> Develop your professional online presence . Review the list at the bottom of the major map and visit the CHS website to explore experiential learning opportunities to take in Terms 7 and 8 that are specific to your major.
★ HCD 332: Population Health Policy and Legislation	3	C	
★ HEP 444: Epidemiology	3	C	
HCD 402: Health Economics (SOBE OR SB)	3	C	
PBH 422: Health Disparities and Access to Health	3	C	
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 3 courses: Track Focus Area Course	9	C	<ul style="list-style-type: none"> Students must select and follow a single track below to complete a total of 18 credit hours, at least six of which must be upper division. Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major. Explore a graduate program such as the MS in Population Health or MS in Science of Health Care Delivery.
MED 445: Prevention and Management of Chronic Disease	3	C	
Upper Division Experiential Learning Course	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Experiential Learning Course	3	C	<ul style="list-style-type: none"> Students must select and follow a single track below to complete a total of 18 credit hours, at least six of which must be upper division. Select an experiential learning course from the list below and visit the CHS website for more information on opportunities specific to your major.
Complete 2 courses: Upper Division Track Focus Area Course	6	C	
Track Focus Area Course	3	C	
Elective	3		
Term hours subtotal:	15		

- Population Health students must select and follow a single track to complete a total of 18 credit hours, at least six of which must be upper division. The selected track will allow students to move confidently into a career or into a population health graduate program.
- The population health program is designed to prepare students for future career and educational opportunities through hands on experiential learning. Students are required to complete nine credits of experiential learning coursework for the program, six of which must be upper division. Three credits of experiential learning are achieved through CHS 280, which offers several topics that students can choose from including Introduction to Citizen Science and Health, Translational Team, and Health Applications and Experience. Students select the remaining six credits of upper division experiential learning from a list of major specific course options below. The [CHS website](#) also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Environmental Systems Track	Food Systems Track	Health Care Compliance and Regulations Track
HEP 394: Health and Climate Change	AGB 414: Food and Agribusiness Policy Issues (L)	HCR 259: Compliance and the Health Care Industry
HST 345: Environmental History (SUST OR L)	ASB 300: Food and Culture (SOBE OR (L or SB) & C)	HCR 263: Introduction to Medical Billing and Compliance
PAF 340: Contemporary Policy Challenges	MCO 494: Food and Media	HCR 360: Data Security and Privacy in Health Care Compliance
PBH 435: Environmental and Occupational Health (L)	NTR 348: Cultural Aspects of Food (GCSI OR SB & C & G)	HCR 362: Monitoring and Auditing for Health Care Compliance
PHI 310: Environmental Ethics (SUST OR HU)	PAF 340: Contemporary Policy Challenges	HCR 460: Investigations and Disclosures in Health Care Compliance
PUP 301: Introduction to Urban Planning (L)	SOS 110: Sustainable World (SUST OR SB) or SOS 111: Sustainable Cities (SUST OR (HU or SB) & G)	HSC 432: Legal Issues in Health Care
SGS 330: Globalization and the Environment: Problems and Solutions (SUST)	SOS 327: Sustainable Food and Farms	
SOS 494: Social-ecological Systems & Adaptation		
Health Education Specialist Track	Health Informatics Track	Health Systems Design and Improvement Track
HEP 241: Health Education Methods for Injury Prevention and Preparedness or HEP 251: Preventing HIV and Substance Misuse or HEP 303: Human Sexuality for Health Education or HEP 350: Substance Use and Addictive Behaviors or HEP 361: Digital Health Communication and Education or HEP 371: Conflict Management and Mediation and Violence Prevention or HEP 380: Body Image and Wellness or HEP 443: Emotional Health and Interpersonal Relationships or HEP 476: Community Health	ASM 201: Epidemics and Outbreaks	HCD 304: Health Care Finance
	BMI 311: Modeling Biomedical Knowledge	HCD 330: Health Care Systems in the U.S. (CIVI)
	BMI 312: Modeling Biomedical Data	HCD 403: Process Engineering
	BMI 410: Database Management in Health Care	HCD 420: Population Health Management
	GIS 205: Geographic Information Science I (QTRS OR CS)	HEP 454: Health Promotion Program Planning and Implementation (L)
	GIS 211: Geographic Information Science II (QTRS OR CS)	HSC 432: Legal Issues in Health Care
HEP 348: Methods of Health Education		SOC 427: Sociology of Health and Illness (SOBE OR SB)
HEP 452: Health Advocacy in Health Education		
HEP 454: Health Promotion Program Planning and Implementation (L)		
HEP 456: Health Promotion Program Evaluation		

HEP 466: Health Promotion Program
Management and Administration

Mental Health Systems Track	Experiential Learning Course
EXW 400: Stress Management for Wellness	The following courses are the most relevant for your major, but other options may be possible. See your advisor.
HCD 420: Population Health Management	
HEP 350: Substance Use and Addictive Behaviors	
HEP 443: Emotional Health and Interpersonal Relationships	
MED 417: Impact of Violence on Health	
PAF 340: Contemporary Policy Challenges	CHS 394: CHS Peer Instructional Facilitator
PBH 410: Public Mental Health	CHS 484: Applied Health Experience
	CHS 484: Citizen Science in Health
	CHS 484: Translational Research
	CHS 493: Honors Thesis (L)
	CHS 494: Advanced Undergraduate Teaching Assistant
	CHS 494: Undergraduate Research
	HCR 471: Interprofessional Education and Community Health
	MED 325: Elements of Hospice and Palliative Care
	MED 375: Alzheimer's and Other Dementias (SB)
	MED 475: Palliative Care: Managing Complex Serious Illness
	POP 444: Population Health Field Experience

- **Total Hours:** 120
- **Upper Division Hours:** 45 minimum
- **University Undergraduate Graduation Requirements**

Notes:

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses on the major map were valid for the 2024 - 2025 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.