

## CORE COMPETENCIES for Undergraduates in the BA Program of the University of Hawai‘i at Manoa Department of Public Health Sciences

<b>Public Health Domains</b>	<b>Competencies:</b> <i>Students should be able to:</i>	<b>Associated Classes</b>
<b>Overview of Public Health</b>	<ol style="list-style-type: none"> <li>1. Review the history and philosophy of public health.</li> <li>2. Identify and explain the core functions of public health.</li> <li>3. Articulate the differences in public health priorities in various regions of the world</li> </ol>	<p>PH 201, PH 202, PH 203</p> <p>PH 201, PH 202, PH 203</p> <p>PH 201, PH 203</p>
<b>Role and Importance of Data in Public Health</b>	<ol style="list-style-type: none"> <li>1. Identify the basic concepts, methods, and be able to apply qualitative and quantitative tools of public health data collection, use, and analysis in elementary research analyses.</li> <li>2. Explain the basic principles of epidemiology.</li> <li>3. Review fundamental statistical concepts and apply them in elementary research analyses.</li> </ol>	<p>PH 201, PH 203, PH 210, PH 310, PH 480 PH 340*, 350, 410</p> <p>PH 201, PH 310</p> <p>PH 210, PH 310, PH 480, PH 485 PH 350, 410</p>
<b>Identifying and Addressing Population Health Challenges</b>	<ol style="list-style-type: none"> <li>1. Apply core concepts of public health, grounded in an ecological perspective to assessing public health issues.</li> <li>2. Articulate the natural and social determinants of health status in communities, and the dynamic interplay among these factors in various populations.</li> <li>3. Identify current public health topics including an analysis of the societal attitudes that generate differential impacts to various communities</li> <li>4. Describe Indigenous People’s health in a historical context, and discuss the impacts of colonial processes and social determinants on health outcomes</li> </ol>	<p>PH 201, PH 202, PH 203, PH 420 PH 325, 340, 445</p> <p>PH 201, PH 202, PH 203, PH 341, 420 PH 305, 340, 422, 445</p> <p>PH 201, PH 202, PH 203 PH 305, 325, 340, 420, 422, 445</p> <p>PH 201, PH 202, PH 203 PH 305</p>
<b>Determinants of Human Health</b>	<ol style="list-style-type: none"> <li>1. Describe the major human diseases and their underlying etiologies.</li> <li>2. Show proficiency in sub-disciplines including biological aspects of public health; epidemiology, genetics, and health informatics; environmental and global health sciences; and infectious and chronic diseases.</li> <li>3. Identify the impact of the environment, social disparities, and both communicable and non-communicable diseases on health.</li> </ol>	<p>PH 341 PH 445</p> <p>PH 201, PH 210, PH 310, PH 341 PH 340, 445</p> <p>PH 201, PH 202, PH 203, PH 341, PH 420 PH 305, 325, 340, 422, 445</p>

<b>Project Implementation</b>	<ol style="list-style-type: none"> <li>1. Explore the fundamental concepts and features of a public health-related project.</li> <li>2. Use information literacy skills such as locating and evaluating pertinent public health information</li> <li>3. Generate research questions, analyze and present data, and interpret and discuss findings.</li> <li>4. Exhibit critical thinking and analytical abilities, including the capacities to engage in inductive and deductive thinking, quantitative reason, and to construct sound arguments</li> </ol>	<p>PH 480, PH 485 PH 410</p> <p>PH 202, PH 203, PH 210, PH 480, PH 485, PH 489 PH 410</p> <p>PH 480, PH 485, PH 489 PH 410</p> <p>PH 480, PH 485, PH 489 PH 410</p>
<b>Overview of the Health System</b>	<ol style="list-style-type: none"> <li>1. Distinguish the fundamental characteristics and organizational structures of the U.S. health system, as well as to the differences in systems abroad.</li> <li>2. Explain the role that public health plays in disaster prevention and management and evaluate public policy issues with respect to access, quality and cost, when understanding health disparities within vulnerable populations.</li> </ol>	<p>PH 201, PH 202, PH 203 PH 330, 430</p> <p>PH 201, PH 203, PH 420 PH 330, 430</p>
<b>Health Policy, Law, Ethics, and Economics</b>	<ol style="list-style-type: none"> <li>1. Discuss basic concepts of legal, ethical, economic, and regulatory dimensions of health care and public health policy.</li> <li>2. Articulate the impact of public health policies on vulnerable populations, including Indigenous Peoples.</li> </ol>	<p>PH 201, PH 202, PH 203, PH 489 PH 330, 325, 340, 430, 445</p> <p>PH 202, PH 203, PH 489 PH 305, 330, 325, 430</p>
<b>Health Communication</b>	<ol style="list-style-type: none"> <li>1. Apply abstract reasoning and critical thinking skills to communicate public health research and practice to public and professional audiences.</li> <li>2. Demonstrate effective written communication skills</li> <li>3. Demonstrate effective public speaking skills during classroom discussions and presentations</li> </ol>	<p>PH 203, PH 420, PH 480, PH 485, PH 489 PH 325, 340, 410, 420, 422, 445</p> <p>PH 203, PH 480, PH 489 PH 340, 410, 420, 422</p> <p>PH 202, PH 480, PH 489 PH 325, 340, 410, 420, 422</p>

\*Note: Courses in purple are undergraduate elective courses (courses in black are required)