Evidence-Based Chronic Illness Care will introduce students to ways in which health systems can be reformed to better manage chronic conditions such as diabetes, cardiovascular diseases, cancer and chronic obstructive pulmonary disease. This topic is of pressing concern to health systems around the world as life expectancy and exposure to risks for chronic health problems rise. Students will learn about the Chronic Care Model that synthesizes essential aspects of chronic disease management, including components within the organization of the health system (multidisciplinary teams, provider decision support, clinical information systems, and patient self-management support), community services and linkages, and public health policies and financing mechanisms.

State-of-the-art evidence and best practices for chronic disease management will be reviewed, and remaining knowledge gaps will be identified. Emphasis will be placed on population-based strategies and their application in different scenarios, including low-resource settings and developing countries. The course integrates the perspective and experience of the World / Pan American Health Organization in public health aspects of chronic diseases in low- and middle-income countries, particularly in the Americas. This program is a collaboration between the University of Miami and the Pan American Health Organization, and it is part of the CARMEN School.