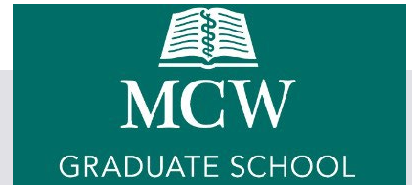


2022-23

POPULATION HEALTH MANAGEMENT

Degree Offered: Certificate



Program Description

This certificate is offered completely online, allowing working professionals the flexibility to fulfill their educational goals. Through innovative distance learning technologies promoting communication with faculty and fellow students, this program prepares individuals with the knowledge and skills to apply and achieve the concept of the “quadruple aim” of improved population health outcomes, better patient, and provider experiences, and reduced per person costs. Coursework consists of two required courses and two elective courses for a total of 12 credits. All credits offered in the certificate program may be transferable to the Master of Public Health program within one year of certificate completion. Experience working in a health care system, health plan, employer benefit plan, or public health department recommended.

Admission Requirements

In addition to the general [Graduate School admission requirements](#), this program has no additional specific requirements.

Credits Required to Graduate

12 credits

Required Courses

18115 Health Promotion and Disease Prevention. *3 credits.*

This course is designed to prepare students to promote health and to prevent disease and injury using a variety of methods. It emphasizes an ecological approach addressing behavior, environment, and healthcare at levels from the individual to social policy. The content is designed for use in diverse settings, including health departments; healthcare; workplaces, schools and other institutions; policymaking/advocacy; and non-governmental organizations. Students will assemble their own model HP/DP plan for a population and health problem of their choosing. The course will address underlying models informing HP/DP; risk and protective factors and surrogate indicators like biomarkers; population assessment; theories of health behavior and health education; locating evidence-based practices; addressing environmental and policy aspects of HP/DP; community engagement, disparities and health equity; HP/DP in healthcare; ethical issues: information and communication technologies; and emerging opportunities in HP/DP including personalized and computer-augmented health promotion.

18232 Introduction to Population Health Management. *3 credits.*

Provides knowledge and builds competencies to improve population health outcomes as well as patient and provider experiences and to reduce per person costs; themes include leadership in teams, care of populations, health service quality and value, data analysis and reporting, and financial management; competencies include leadership and inter-professional communication, systems thinking, social and behavioral sciences, data management, process and outcome improvement, and policy advocacy.

Elective Courses

18160 Racial and Ethnic Inequalities in Health. 3 credits.

This course will provide students with an in-depth introduction to health disparities and health inequities as they pertain to specific populations in the US that have been historically disadvantaged and systematically deprived of opportunities to achieve optimal health. The course material will also include an overview of social determinants of population health. We will: (i) consider historical and contemporary debates in conceptualizing race and ethnicity, (ii) examine the burden of racial and ethnic disparities in the US, (iii) identify and examine some of the social determinants of health of health and drivers of health inequity and (iv) examine theoretical and practical challenges of developing innovative strategies to eliminate health disparities and achieve health equity.

18165 Principles of Public Health Data and Epidemiology. 3 credits.

This course examines public health data and epidemiological concepts, including foundations of epidemiology, practical applications of public health data and epidemiology, core measures in public health, descriptive epidemiology, sources of data, study designs and data analysis, communicating data, informatics, disease transmission and prevention, morbidity and mortality, screening tests, infectious disease causation, environmental health, and social, behavioral, and psychosocial epidemiology. The course emphasizes practical application of concepts and skills learned related to accessing, analyzing, and communicating public health data. The course provides the student with an understanding of the distribution and determinants of health and disease in population groups. The course provides the foundation for many other courses in the MPH program.

18223 Public Health Policy. 3 credits.

This course will meet the need of MCW MPH students to know and understand the fundamentals of public health policymaking by diverse stakeholders in the process. The course fills gaps in the curricula at MCW. The textbook is Bodenheimer and Grumbach, *Understanding Health Policy: a Clinical Approach*, 6th edition, Lange publisher. Each session has educational objectives and a competency goal, readings and possible videos, a recorded audio slide presentation by faculty, and a discussion question for students addressing the conflicts and challenges in policy development.

18230 Community Health Program Planning. 3 credits.

Builds on the foundation in health improvement program planning obtained in the Public Health Administration and Community Assessment and Improvement courses. This course will increase the depth and breadth of students' knowledge and skills through a theoretical and application-based curriculum through three modules, including strategic planning, program planning, and leadership competencies to lead planning efforts

18260 Community Health Program Evaluation. 3 credits.

Examines the basic topics related to Community Health Program Evaluation including systems thinking and program evaluation; the levels of program evaluation process; qualitative and quantitative measures; data management tools; data analysis methods; quality management; and other contextual issues surrounding program evaluation. This course will incorporate the use of assigned readings, group projects, peer evaluation, online discussions, and exams to foster knowledge of material presented in the course, as well as application-based learning in evaluation of community health.