

PUBLIC HEALTH (MPH)

MPH 500 Foundations of Public Health 3 credits

This course provides an overview of the public health field to understand health and disease from a community and population perspective. Students will explore the history of public health, systems, and organizations that influence population health, foundational theories of public health practice and research, and career opportunities within the field.

MPH 510 Social and Behavioral Aspects of Public Health 3 credits

This course examines how social, economic, behavioral, and cultural conditions contribute to health and health disparities. Students will examine relevant social and behavioral theories and their application within public health practice. Students will apply their knowledge of social and behavioral health and related theories to health promotion and the development of public health initiatives.

MPH 520 Environmental Health 3 credits

This course covers the environmental factors that affect the health of a community. Students will learn how to identify environmental risks and ways to monitor, control, and eliminate those risks for a given population.

MPH 530 Epidemiology 3 credits

This foundational course involves the study of the distribution and determinants of population-based health outcomes and diseases. Students will learn about the methodology used to determine risk factors that lead to morbidity and mortality and identify how this knowledge is used in public health practice.

MPH 540 Research Methods in Public Health 3 credits

This course is an overview of quantitative and qualitative research methods commonly used in public health. The course will cover commonly used research methodologies used in public health practice as well as ethical considerations for public health research. The course will culminate in a research proposal to address a public health issue.

MPH 550 Global Public Health: Chronic and Infectious Disease 3 credits

This course examines health and disease throughout the world by examining chronic and infectious diseases and related trends. Students will examine disease risk factors by geographic region, effects of globalization on worldwide health trends, and public health strategies used throughout the world to promote public health.

MPH 560 Principles of Biostatistics 3 credits

This course covers statistics commonly used in public health for the analysis of population-based health problems. Students will learn how to appropriately collect, analyze, and present data using biostatistical methods and software. To demonstrate an overall knowledge of biostatistics concepts covered throughout the course, students will perform a final data analysis using a publicly available data set.

MPH 570 Planning and Evaluation of Health Promotion Programs 3 credits

This course will provide an overview of program planning and the methods used to evaluate public health programs. Students will conduct a needs assessment and review previous research and programs to propose a relevant, population-based health promotion program. Students will also evaluate existing health promotion programs using appropriate assessment techniques and methodology, with the goal of enhancing the effectiveness of the health promotion program.

MPH 580 Marketing and Communication for Health Promotion 3 credits

This class examines culturally-competent communication and marketing strategies for public health. Students will examine best practices for use of social media, as well as other group communication strategies to encourage healthy behaviors.

MPH 590 Public Health Ethics, Policy, and Advocacy 3 credits

This course covers key ethical issues and frameworks in public health and how they relate to public health policy and advocacy. Students will explore policy-making processes, assess current public health policies, and examine the role of advocacy and ethics in policy development and promotion.

MPH 595 The Future of Public Health 3 credits

This seminar-style course will examine topics affecting the future of public health. Topics will rotate over time, with examples including wearable health technologies, the metaverse and health, the impact of climate on disease, and the pandemic's ongoing impact on public health.

MPH 600 Practicum 3 credits

Students secure a public health field experience that provides relevant learning opportunities and the application of competencies gained throughout the program. Students will conduct a needs assessment and program evaluation during this practicum, which will culminate as a final project in the Integrated Capstone Experience. Practicum locations must meet CSP MPH.

MPH 601 Seminar: Vocation and Servant Leadership in Public Health 1 credit

The student will examine their vocation and exploration of careers within public health. Students will reflect on their personal values, skills, and aspirations while exploring their leadership strengths.

MPH 602 Seminar: Public Health Leadership 1 credit

The student will explore leadership topics within public health, including systems thinking to address the complexities associated with health and disease as well as interprofessional practice and the professions involved in promoting and advancing population health. Students will continue their reflection on their personal leadership and vocation and their aspirations within public health.

MPH 603 Seminar: Leadership Reflection and Future Planning 1 credit

The student will examine and reflect on their program learning and professional development. Students will synthesize their program experiences and articulate their ongoing personal and professional development plans, with a particular focus on current and future leadership within public health.

MPH 610 Integrated Capstone Experience 3 credits

Students will synthesize their learning from the program through this capstone experience. This culminating portfolio will synthesize student knowledge and skills gained throughout the program to demonstrate student achievement of the program's student learning outcomes.