

CFPH

ONLINE CERTIFICATE IN THE FOUNDATIONS OF PUBLIC HEALTH

ONLINE CERTIFICATE PROGRAM DESCRIPTION

The Certificate in the Foundations of Public Health is a 16-hour interdepartmental program that offers coursework in each of the five major disciplines of public health. Courses are taught by renowned UM SPH faculty using distance learning. Certificate coursework may be transferable to a degree program at UM SPH.

WHO SHOULD APPLY?

Those who would benefit from CFPH coursework include, but are not limited to:

- Public health workers who desire formal graduate training through part-time study
- Public and private sector employees who deal with the public health system
- Working professionals who want to take the first step toward a master's degree (16 hours of credit may apply to the MPH or MHSA degree)
- Students in the health sciences who seek to enhance their public health knowledge
- Recent college graduates wishing to begin their public health study while continuing to be employed
- Anyone influencing public health policy or practice who needs an informed and up-to-date foundational public health education
- Lifelong learners

SCHEDULE

The five-course program may be started in either the fall or winter term. Students have the option to take one to three courses in the fall term and one or two courses in the winter term. The program can be completed in eight to 28 months.

HOW DO THE ONLINE COURSES WORK?

Courses are accessed on the Internet using C-Tools – the course management system of the University of Michigan. Videos and narrated presentations of class lectures and discussion are available online and distributed as DVDs.

Visit us at www.sph.umich.edu/distance to experience our overview of online learning, to “sit in” on a sample class and to assess your readiness as an online learner. Each class session has a web page that contains the media (videos and narrated presentations), readings, assignments, and discussion question links.

There is also a weekly To Do list to help students plan their time and stay on track. Classes are also scheduled to “meet” virtually through the Internet for real-time discussion and help sessions with instructors and fellow students.

COST

Please visit our website to confirm current tuition rates. U.S. residents pay in-state tuition, billed per course, based on the number of credit hours. Tuition and fees are subject to change without notice by the Regents of the University and typically change in the fall term.



HIGHLIGHTS OF CERTIFICATE

Flexible study for those wishing to learn current, foundational principles from world-class instructors to develop their skills in public health without the commitment of pursuing a graduate degree:

- 16 graduate credits
- Courses taught by SPH faculty via distance learning (anytime / anyplace)
- No travel to campus
- 5 courses
- Coursework in the five major disciplines of public health
- Certificate coursework may be transferable to a degree program within UM SPH
- U.S. residents pay in-state tuition rates

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OUR RENOWNED FACULTY... JUST A CLICK AWAY!

COURSES IN THE FIVE MAJOR DISCIPLINES OF PUBLIC HEALTH

Introduction to Biostatistics

This course covers the fundamental statistical concepts related to the practice of public health: descriptive statistics, probability, sampling, statistical distributions, estimation, hypothesis testing, chi-square tests, simple and multiple linear regressions, and one-way analysis of variance (ANOVA).

Principles of Environmental Health Sciences

This course provides an overview of the most important and current challenges to human health from environmental and occupational risk factors. Basic knowledge and multi-disciplinary skills that are used to assess, control, and prevent environmental and occupational hazards are taught.

Strategies and Uses of Epidemiology

This course covers basic epidemiology for the public health professional, with review of fundamental principles and concepts. The application of tools to describe disease in a population is illustrated and practiced with selected examples of chronic, non-infectious, and infectious diseases.

Psychosocial Factors in Health-Related Behavior

This course addresses the psychological and social determinants of health, illness, and sick role behavior, emphasizing the decisional bases for health-related actions. Models of health behavior are critically reviewed. Application of concepts from behavioral science to a variety of health problem areas and the role of social communication are also addressed.

Survey of the U.S. Health Care System

This course provides an analysis of current organizational arrangements and patterns for provision and financing of medical care services in the U.S. Topics include the medical care process and factors which affect need, access, and use of services; factors affecting supply and distribution of health professionals and health facilities, and current issues pertinent to these health care services; factors related to health care costs; quality assessment and assurance; and financing of care through health insurance and governmental programs.



Dr. Howard Hu lectures a class in Environmental Health Sciences. Dr. Hu is chair of the department of Environmental Health Sciences and Professor of Environmental Health Sciences and Epidemiology at UM SPH. He is also a Professor of Internal Medicine at the UM Medical School. Dr. Hu teaches Principles of Environmental Health Sciences for CFPH.

LEARN HOW CFPH CAN CREATE YOUR SUCCESS!

“The CFPH program at the UM SPH is a unique opportunity to receive instruction from world-renowned faculty and public health professionals in a flexible and challenging environment. Although this is a distance-learning format, I was thoroughly impressed by the dedication and intimate involvement of professors, fellow students, and CFPH staff. Thanks to my experience with the CFPH program, I am eager to continue my graduate studies in public health and complete my MPH in Epidemiology.”

Michelle Housey
Ann Arbor, Michigan

“When I was looking for a way to update my public health background and potentially open additional doors in the current job market, I decided to enroll in the CFPH program. I feel that the program is a great graduate-level overview of the current state of the field. Learning from the UM SPH faculty while still ‘keeping my day job’ has allowed me to augment my existing experience and my earlier education without taking time off from work or traveling to campus. This is my first formal on-line coursework but I find the program is well designed for distance-learning, making it possible to keep up with the classes.”

Peter LeVon
Plattsburgh, New York

“As a working mother of two, the CFPH distance learning option is not only convenient but essential. Having completed three of the five courses in the program, I would highly recommend the CFPH program to anyone who would like to learn the core competencies in public health.”

Christina Harrington
Birch Run, Michigan

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