

# Public Health

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## College of Public Health

A defining characteristic of the area of public health is its focus on population groups rather than individuals. Public health professionals are concerned with the health of communities, relying heavily on collaboration with local, state, and national entities to improve the health status of their targeted populations. With the current interest in health care reform, bioterrorism and preparedness, concerns over managed care, and other factors impacting the nation's health care system, the need for highly trained public health professionals is increasing. The College of Public Health offers the Master of Public Health degree. The M.P.H. is an applied professional/graduate degree designed for highly motivated students who have either a previously earned professional degree or a baccalaureate degree and substantial interest in public health. Unique sequencing of courses, community-based program activities, and field/laboratory research provide students with multiple opportunities to define their course of study in the five areas of concentration, Biostatistics, Epidemiology, Environmental/Occupational Health, Health Behavior, or Health Management and Policy. The M.P.H. degree is designed to prepare graduates for entry and advancement in public health careers in public, non-profit and proprietary health care organizations.

Professionals with the M.P.H. hold important roles in a variety of public and private settings, e.g., local, state, and national health departments, health care facilities, military service, social service agencies, private industry, universities, and community-centered health education facilities. In these positions, they can be involved directly with the development, implementation and assessment of efforts to improve the health of the public and prevention of disease. The curriculum is designed to provide skills and knowledge upon which to build or enhance a career in public health. Unique sequencing of courses, community-based program activities, and field/laboratory research provide students with multiple opportunities to define their public health specialty and provide a broad overview of the disciplines of public health.

The Master of Public Health degree requires a minimum of 42 credit hours of study for completion. All students must complete a minimum of 18 semester hours of required core course work and at least 18 hours of specialty work in one of the five areas of concentration. In addition, a three credit-hour field practicum course (CPH 609), and a three credit-hour final integrative Capstone Project (CPH 608) are required. The dual M.D./M.P.H. and PharmD/M.P.H. degrees are currently available.

### **Admission Requirements**

Admission into the M.P.H. program is competitive, and consideration is given to academic background, a history of service, interest in the field, a personal statement, career plans, and letters of recommendation. Applicants must also have achieved an acceptable score on the Graduate Record Examination (GRE) or the Graduate Management Admission test (GMAT).

Applicants must complete a UK Graduate School Application and make a separate application through the Schools of Public Health Application Service (SOPHAS.org), the centralized application process for accredited schools/colleges of public health. Applications will not be reviewed until the SOPHAS application is completed. For additional information concerning the University of Kentucky, College of Public Health and its degrees, call (859) 218-2096, send e-mail to [ukcph@uky.edu](mailto:ukcph@uky.edu), or go to <http://www.uky.edu/publichealth/>.

## Graduate Courses

BST 693	Statistical Practice In Public Health	(3)
BST 761	Time To Event Analysis	(3)
BST 762	Longitudinal Data Analysis	(3)
CPH 535	Databases And Sas Programming	(3)
CPH 551	Comparative Health Systems	(3)
CPH 580	Biostatistics I	(3)
CPH 600	Health Services And Systems Organization	(3)
CPH 601	Occupational And Environmental Health	(3)
CPH 602	Overview Of The Health Care Delivery System	(3)
CPH 604	Foundations Of Health Behavior	(3)
CPH 605	Epidemiology	(3)
CPH 608	Capstone Projcet	(3)
CPH 609	Public Health Practicum	(3)
CPH 610	Injury Epidemiology & Control	(3)
CPH 611	Advanced Epidemiology	(3)
CPH 612	Infectious/Emerging Disease Epidemiology	(3)
CPH 613	Molecular Epidemiology, Cancer Prevention And Control	(3)
CPH 614	Managerial Epidemiology	(3)
CPH 615	Cancer Epidemiology	(3)
CPH 616	Cardiovascular Disease Epidemiology	(3)
CPH 617	Environmental And Occupational Epidemiology	(3)
CPH 618	Epidemiology Of Aging	(3)
CPH 620	Occupational & Environmental Health Ii	(3)
CPH 621	Workplace Ventilation	(3)
CPH 622	Toxic Agents And Their Implications In Public Health	(3)
CPH 630	Biostatistics Ii	(3)
CPH 631	Design & Analysis Of Health Surveys	(3)
CPH 632	Mixed Models In Public Health	(3)
CPH 636	Data Mining In Public Health	(3)
CPH 640	Women's Health	(3)
CPH 641	Public Health And Anthropology	(3)
CPH 643	Measuring Health Behavior: Individuals And Communities	(3)
CPH 644	Rural Health Disparities	(3)
CPH 645	Cph 645-001 Food Systems, Malnutrition And Public Health	(3)
CPH 646	Spec Tops In Behavioral Health	(3)
CPH 647	Research Methods For Public Health	(3)
CPH 648	Eliminating Racial And Ethnic Disparities	(3)
CPH 649	Independent Studies In Health Behavior	(1-3)
CPH 650	Management Of Public Health Organizations	(3)
CPH 652	Health Finance	(3)
CPH 653	Public Health Law And Policy	(3)
CPH 655	Management Accounting For Health Care Organizations	(3)
CPHh 660	Geographic Information Systems In Public Health	(3)
CPH 662	Public Health Response To Terrorism, Disasters	(3)
CPH 663	Introduction To Public Health Practice And Administration	(3)
CPH 664	Design & Analysis Of Clinical Trials	(3)
CPH 665	Ethical Issues In Clinical Research	(3)
CPH 666	Practicum In Clinical Research I	(3)
CPH 667	Practicum In Clinical Research Ii	(3)

CPH 668	Practicum In Clinical Research Iii	(3)
CPH 695	Public Health Practice Through Service Learning	(3)
CPH 698	Occupational Safety & Health Field Surveys	(3)
CPH 709	Global Health Practicum	(3)
CPH 711	Chronic Disease Epidemiology	(3)
CPH 712	Advanced Epidemiology	(3)
CPH 713	Pharmacoepidemiology	(3)
CPH 716	Proseminar Occupational Health And Safety	(3)
CPH 718	Special Topics In Epidemiology	(1-3)
CPH 719	Independent Studies In Epidemiology	(1-3)
CPH 728	Health Of Agricultural Populations	(3)
CPH 729	Independent Studies In Occupational/Environmental Health	(1-3)
CPH 738	Special Topics In Biostatistics	(1-3)
CPH 739	Independent Studies In Biostatistics	(1-3)
CPH 740	Maternal And Child Health	(3)
CPH 746	Research Methods And Program Evaluation For Health Behavior	(3)
CPH 751	Global Public Health	(3)
CPH 758	Special Topics In Health Services Management	(1-3)
CPH 759	Independent Studies In Health Services Management	(1-3)
CPH 763	Ethics For Public Health	(3)
CPH 768	Research Credit Master Degree	(1-3)
CPH 778	Spec Tops In Public Health	(1-3)
CPH 779	Independent Studies In Public Health	(1-3)
CPH 790	Water Sanitation And Health	(3)