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## PUBLIC HEALTH (DPH)

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### **FACULTY(AS OF JULY 2009):**

Marilyn Aguirre-Molina ■ Philip Alcabes ■ Juan J. Battle ■ Luisa N. Borrell ■ Jack Caravanos ■ Jonathan M. Deutsch ■ Jennifer Beam Dowd ■ Elizabeth A. Eastwood ■ Marianne C. Fahs ■ Nicholas Freudenberg ■ Victoria A. Frye ■ Marthe R. Gold ■ Mark Goldberg ■ Jean Grassman ■ Michele G. Greene ■ Susan Klitzman ■ Beatrice J. Osgood Krauss ■ Mary Clare Lennon ■ Betty Wolder Levin ■ Jane Levitt ■ Thomas A. Lewandowski ■ Juliana A. Maantay ■ Barbara S. Menéndez ■ Cheryl R. Merzel ■ Franklin E. Mirer ■ Alfredo Morabia ■ Kenneth Olden ■ Gerald M. Oppenheimer ■ Jeffrey Parsons ■ Stacey Beth Plichta ■ Diana R. Romero ■ Barbara Katz Rothman ■ Nancy L. Sohler ■ Arlene Spark ■ Ida Susser ■ Anahi Viladrich ■ Darrell P. Wheeler ■ Ming-Chin Yeh

### **THE PROGRAM**

The DPH program prepares students to be researchers, managers, and university faculty who can lead efforts to promote health and prevent disease in urban populations. The curriculum integrates health, natural and social sciences as applied to public health. Students will be prepared as interdisciplinary urban health researchers and practitioners, capable of working across levels, disciplines, and sectors to address complex public health problems with a focus on urban populations. Graduates will acquire the skills and knowledge to reduce socioeconomic and racial/ethnic disparities in health, a major national goal of the U.S. The program admits students into one of four tracks: Community, Society, and Health, which includes a concentration in public health nutrition; Epidemiology; Environmental and Occupational Health; and Health Policy and Management (coming in 2010).

### **SPECIAL REQUIREMENTS FOR ADMISSION**

In addition to meeting the general University requirements for admission stated earlier in this bulletin, the applicants must meet the following requirements:

Completion of a Master's of Public Health or equivalent degree. Students with advanced degrees in fields other than public health, such as law, social work, public policy, medicine, nursing, urban planning, social sciences, and natural sciences will also be considered. Such applicants will need to take five master's level public health core courses (in biostatistics, epidemiology, environmental health sciences, health care administration, and social

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and behavioral dimensions of health), of which at least three must be satisfactorily completed prior to admissions.

At least three years of prior relevant teaching, research, or programmatic work experience in public health or a closely related area;

Well-defined interests in urban or population health, strong writing skills, and completion of the verbal, quantitative, and writing sections of the Graduate Record Examination;

At least two master's level quantitative research courses with a grade of A- or better.

In addition, applicants for the Community, Society, and Health track are required to have completed at least three courses in social dimensions of health and those in the concentration in public health nutrition must be Registered Dietitians (RD) or have completed the Didactic Program in Dietetics (DPD) accredited by the Commission on Accreditation for Dietetics Education (CADE). Applicants for the Epidemiology track are required to have completed a second-level course in epidemiology, research methods, or statistics. Applicants for the Environmental Health Sciences track are required to have completed a course in toxicology, at least two courses in either occupational safety and health or environmental sciences, plus one course in public, environmental or occupational health law or policy. Applicants for the Health Policy and Management track are required to have completed one course in health care systems, management, or administration, one course in health policy, and one social science course in a cognate-related field, such as economics, sociology, or political science.

### ***COURSE OF STUDY***

1. All students must successfully complete three required courses (9 credits) in urban public health: PUBH 80000 Cities, Society, and Health; PUBH 80100 Interdisciplinary Approaches to Urban Health Research; and PUBH 80200 Advanced Methodological and Ethical Issues in Urban Health Research.

2. Each track includes a specialization core of 9 to 15 credits.

For the Community, Society, and Health track, these include: PUBH 81100 Social and Behavioral Dimensions of Health; PUBH 81000 Community Health Interventions; and, an elective Graduate Center or Public Health course on population- or health-specific issues.

Students in the nutrition concentration must take PUBH 81300 Nutrition Education Programs and Practice, PUBH 77080 Food Politics and Policies, and SOC 82800 Cultural Aspects of Food to fulfill these and the interdisciplinary requirements.

For the Epidemiology track, the required specialization courses will include: PUBH 82000 Epidemiologic Methods I: Research Design and Inference; PUBH 82100 Epidemiologic Methods II: Research Design and Data Analysis; PUBH 82200 Epidemiologic Methods III: Seminar in Emerging Epidemiologic Methods and Topics; and, PUBH 82300 Epidemiologic Methods IV: Seminar in Applications of Epidemiologic Methods to Urban Health.

For the Environmental and Occupational Health track, the required courses include: PUBH 83000 Emerging Issues in Occupational and Environmental Health; PUBH 83100 Occupational and Environmental Health Risk Assessment, Management and Communication in Urban Settings; and at least one other GC or PUBH course on the urban environment or occupational health.

For the Health Policy and Management track, the required courses include: PUBH 84000 Seminar in Health Policy and Management; PUBH 84100 Quantitative Methods in Health Services Research; and, two GC courses in a cognate field such as economics, political science, finance, sociology/organizational theory, social psychology, or environmental psychology.

3. Each track includes an interdisciplinary requirement (3 credits minimum) of an elective course in another Graduate Center area, selected with faculty adviser.

4. Each track includes additional courses in research methods (6-9 credits).

For the Community, Society, and Health track, these include: PUBH 82000 Epidemiologic Methods and two Graduate Center or Public Health courses in intermediate/advanced statistics, research design, and/or evaluation.

For the Epidemiology Track these include; two Graduate Center courses in statistics or advanced quantitative methods.

5. Each track includes PUBH 89300 Public Health Leadership Seminar (3 credits); PUBH 89200 Public Health Leadership Development Fieldwork (6 credits); and, an elective course to develop leadership competencies (3 credits).

6. Each track includes research seminars (6 credits): PUBH 89000 Research Seminar I and PUBH 89100 Research Seminar II.

7. Each track includes dissertation research (12 credits): PUBH 89900 Dissertation Research, and PUBH 99900 Dissertation Supervision.

*Examinations:* After students successfully complete the first 18 credits of the program with at least a 3.0 GPA, they are eligible to take the First Examination. The exam will assess students' mastery of track-specific and core curricula. Students who successfully complete the First Examination will be eligible to continue taking coursework. After successfully completing an additional 18-24 credits of coursework with at least a 3.0 GPA, they become eligible to take the Second Examination. The Second Examination is tailored to the student's particular area of interest and expertise.

The degree requires a total of 60 post-master's credits and completion of the dissertation.

***Specialization courses: 3–5 courses (9–15 credits)***

All students are required to develop expertise in one of four public health tracks: Community, Society, and Health (CSH), Occupational and Environmental Health, (OEH), Epidemiology (EPI), and Health Policy and Management (HPM). Students must complete at least two required courses in their respective tracks and at least two additional GC or public health courses in a related discipline. (See: Section 4.5.) Within each track, students can, in consultation with their adviser, create an individual specialization using both public health and other Graduate Center courses (e.g., women's health, children's health, cancer control, infectious disease control, health disparities, aging and health, immigration and health, sustainable urban development and health, etc.).

To meet specialization requirements, Doctor of Public Health students may take up to six credits in Master's level courses in a related discipline with the approval of their faculty adviser and use these credits towards their Doctor of Public Health degree. Students cannot

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use MPH core courses (i.e., first level courses in epidemiology, biostatistics, environmental health sciences, health management and policy, or health and behavioral sciences) towards the doctorate nor can they transfer Master's level courses taken prior to matriculation in the DPH towards this degree.

### ***Satisfactory Academic Progress for Students in the DPH Program***

A DPH student is deemed not to be making satisfactory progress if she or he:

1. Has completed 36 credits and not passed the First Examination
2. Has a grade point average below 3.00
3. Has not completed Second Exam within 48 credits of matriculating
4. Has not completed the degree in six years
5. Has accumulated more than two open grades ("INC," "INP," "NGR," "ABS," and "ABP").
6. Has not completed all five core Master's in Public Health courses prior to enrolling in second year of coursework.

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### **Courses**

Unless otherwise indicated, all courses for the DPH Program are 3 credits.

PUBH 80000 Cities, Society, and Health

PUBH 80100 Interdisciplinary Approaches to Urban Health Research

PUBH 80200 Advanced Methodological and Ethical Issues in Urban Health Research

PUBH 81000 Community Health Intervention: Theory and Methods

PUBH 81100 Social and Behavioral Dimensions of Health: Theory and Methods

PUBH 81200 Nutritional Epidemiology

PUBH 81300 Nutrition Education, Programs and Practice

PUBH 81400 Food Policies and Politics

PUBH 82000 Epidemiologic Methods I: Research Design and Interference

PUBH 82100 Epidemiologic Methods II: Study Design and Analysis

PUBH 82200 Epidemiologic Methods III: Seminar in Epidemiologic Methods

PUBH 82300 Epidemiologic Methods IV: Seminar in Applications of Epidemiologic Methods to Urban Health

PUBH 83000 Emerging Issues in Occupational and Environmental Health

PUBH 83100 Environmental and Occupational Health Risk Assessment, Management and Communication in Urban Settings

PUBH 84000 Seminar in Health Policy and Management

PUBH 84100 Quantitative Methods in Health Services Research

PUBH 85100 Current topics in Public Health Research and Practice

Variable 1-3 credits

PUBH 86100, 86200, or 86300 Independent Study in Public Health

Variable 1-3 credits

PUBH 89000 Advanced Research Seminar I

PUBH 89100 Advanced Research Seminar II

PUBH 89201 Leadership development Project I

PUBH 89202 Leadership Development Project II

PUBH 89300 Public Health Leadership Development Seminar