SPHL 6020 Foundations in Public Health (3 Credit Hours)

SPHL 6020 is one of five interdisciplinary courses that contribute to the foundational competencies required of graduates with professional degrees in public health. SPHL 6020 uses blended learning with online lessons that provide an overview of public health principles, concepts, and evidence-based approaches to global public health and the biological, environmental, behavioral, socioeconomic, and political determinants of health. Students will integrate these influences through case study and scenario analyses discussions. SPHL 6020 is a requirement for all graduate students pursuing any degree in the School of Public Health and Tropical Medicine.

SPHL 6050 Biostatistics for Public Health (3 Credit Hours)

One of five interdisciplinary courses that contribute to the foundational competencies required of graduates with professional degrees in public health. Strong analytical skills in evidence-based practices are essential across all public health disciplines. In SPHL 6050, students learn how to collect, manage, and visualize a wide variety of data and appropriate biostatistical methods, including probability distributions, estimations, power and sample size, and regression. Interdisciplinary exercises, homework assignments, and data sets are drawn from real-world scenarios. The course also prepares those students who move on to advanced biostatistics courses. Biostatistics for Public Health is a requirement for all students in the MPH, MSPH, and MPH&TM professional degree programs.

SPHL 6060 Epidemiology for Public Health (3 Credit Hours)

One of five interdisciplinary courses that contribute to the foundational competencies required of graduates with professional degrees in public health. SPHL 6060 introduces students to epidemiological methods and approaches for use across all public health domains. This includes measuring the occurrence of disease, outbreak investigations, incidence and prevalence, natural history of disease, study designs, and estimating risk. The course also addresses the interpretation of data analyses for research, policy, and practice. Epidemiology for Public Health is a requirement for all students in the MPH, MSPH, and MPH&TM professional degree programs.

SPHL 6070 Health Systems Policy and Mgmt (3 Credit Hours)

One of five interdisciplinary courses that contribute to the foundational competencies required of graduates with professional degrees in public health. SPHL 6070 exposes students to the complexities, scope, and impact of decisions affecting public health. It provides a survey of public health and health care systems, policy and management principles used in public health settings. Class discussion and exercises provide opportunities for students to apply principles and skills to their own areas and career interests. This course is a requirement for all students in the MPH, MSPH, and MPH&TM degree programs.

SPHL 6080 Design Strategies in PH Prgrms (3 Credit Hours)

One of five interdisciplinary courses that contribute to the foundational competencies required of graduates with professional degrees in public health. SPHL 6080 equips students with the knowledge and skills to design, implement, and evaluate public health programs for diverse public health issues, populations, and settings. This course features active and collaborative learning and real-world application of course concepts. Ultimately, the course will illustrate that the effective design of public health programs is critical to improving community health. This course is a requirement for all students in the MPH, MSPH, and MPH&TM degree programs.

SPHL 7030 MI Program Internship (0 Credit Hours)

Practicum during Peace Corps service for Master’s International students

SPHL 7940 Transfer Coursework (1-10 Credit Hours)

SPHL 7950 Integrated Learning Experience (0 Credit Hours)

All students must complete an Integrated Learning Experience (ILE) (formerly culminating experience) that demonstrates the synthesis of foundational and concentration competencies.

SPHL 8500 Interdisciplinary Doctoral Sem (1 Credit Hour)

SPHL 8900 INTERDISCIPLINARY DOCTORAL SEM (1 Credit Hour)

SPHL 8910 INTERDISCIPLINARY DOCTORAL SEM (1 Credit Hour)

SPHL 9900 Interdisc Doctoral Semin (1 Credit Hour)

SPHL 9980 Applied Practice Experience (0 Credit Hours)

The Applied Practice Experience (APE) (formerly practicum) is a supervised practice experience conducted in an agency or organization external to the university to gain practical experience. The APE allows students to demonstrate attainment of at least five competencies, including at least 3 from the foundational competencies (CEPH Criterion D2). The APE is conducted after completion of the foundational courses. After identifying the APE setting and defining the competencies, students enter the information into Terra Dotta. An APE written report is required that summarizes the field experiences.