Public Health

Public Health is an interdisciplinary concentration through which students examine a variety of issues, including population health and disease, health policy, cross-cultural and international aspects of health, the organizational and social structures through which health services are delivered and received, and the public health system. Courses in the concentration allow students to explore the ways in which the social, political, behavioral and biological sciences contribute to the understanding of patterns of population distributions of health and disease. The concentration also provides students with courses in basic research methods and statistics necessary for problem solving and critical thinking in the emerging emphasis on evidence-based health care and public health.

The undergraduate component to the five-year AB/MPH differs in some ways from the Public Health concentration. Please refer to http://brown.edu/academics/public-health/education-training/masters/mph-program-about-us/combined-programs/abmph. Meet early with a concentration adviser to discuss your plans.

1. Core Courses: (non-substitutable)

   PHP 0310 Health Care in the United States
   This course is best taken as a freshman or sophomore.

   PHP 0320 Introduction to Public Health
   This course is a prerequisite to the Fundamentals of Epidemiology (PHP 0850) and is best taken as a freshman or sophomore.

   PHP 1501 Essentials of Data Analysis
   This course is best taken by end of junior year before PHP 1910, Senior Seminar.

   PHP 1910 Public Health Senior Seminar
   This course, which is required for all non-honors students and optional for honors students, is taken as a senior. PHP 0320 and PHP 0310 are required prior to course.

   PHP 0850 Fundamentals of Epidemiology
   This course is best taken by end of junior year before PHP 1910, Senior Seminar.

2. Environmental Health and Policy (Select one of the following):

   PHP 1700 Current Topics in Environmental Health
   BIOL 1820 Environmental Health and Disease
   ENVS 1410 Environmental Law and Policy

3. Health, Health Care Systems and Policy (Select one of the following):

   PHP 1520 Emergency Medical Systems: An Anatomy of Critical Performance
   PHP 1530 Case Studies in Public Health: The Role of Governments, Communities and Professions
   PHP 1070 The Burden of Disease in Developing Countries
   PHP 1100 Comparative Health Care Systems
   PHP 1500 Global Health Nutrition
   ECON 1360 Health Economics

4. Social and Behavioral Science for Prevention (Select one of the following):

   PHP 1010 Doctors and Patients- Clinical Communication in Medicine
   PHP 1400 HIV/AIDS in Africa: A Multidisciplinary Approach to Support HIV/AIDS Care and Treatment Programs
   PHP 1540 Alcohol Use and Misuse
   PHP 1600 Obesity in the 21st Century: Causes, Consequences and Countermeasures
   PHP 1680N Tobacco, Smoking, and the Evil Empire
   PHP 1740 Principles of Health Behavior and Health Promotion Interventions
   PHP 1920 Social Determinants of Health

   PHP 2325 Place Matters: Exploring Community-Level Contexts on Health Behaviors, Outcomes and Disparities
   PHP 2340 Behavioral and Social Science Theory for Health Promotion
   PHP 2365 Public Health Issues in LGBT Populations
   PHP 2380 Health Communication

5. Approved General Electives (Select four electives; no more than two (2) can be Human Biology/Physiology courses):

   The four electives may be selected from: A. the approved courses from the areas listed above or B. the approved general electives listed below.

   PHP 0030 Health of Hispianola
   PHP 0050 Pain and the Human Condition: Exploring the Science, Medicine, and Culture of Pain
   PHP 1680 Nutrition to Power: Disability, Health and Community
   PHP 1680K Introduction to Conducting Clinical Research
   PHP 1680M The Epidemiology of Violence and its Consequences

   ANTH 0300 Culture and Health
   ANTH 1020 AIDS in Global Perspective
   ANTH 1242 Bioethics and Culture
   ANTH 1300 Anthropology of Addictions and Recovery
   ANTH 1310 International Health: Anthropological Perspectives
   BIOL 0030 Principles of Nutrition (Human Biology/Physiology course)
   BIOL 0040 Nutrition for Fitness and Physical Activity
   BIOL 0140K Conservation Medicine
   BIOL 0180 The Biology of AIDS
   BIOL 0190E Botanical Roots of Modern Medicine
   BIOL 0200 The Foundation of Living Systems (Human Biology/Physiology course)
   BIOL 0470 Genetics (Human Biology/Physiology course)
   BIOL 0530 Principles of Immunology (Human Biology/Physiology course)
   BIOL 0800 Principles of Physiology (Human Biology/Physiology course)
   BIOL 0860 Diet and Chronic Disease
   BIOL 0920A Controversies in Medicine (Human Biology/Physiology course)
   BIOL 1920B Health Inequality in Historical Perspective
   BIOL 1920C Social Contexts of Disease
   BIOL 1920D Race, Difference and Biomedical Research: Historical Considerations
   ENVS 0490 Environmental Science in a Changing World
   ENVS 1580 Environmental Stewardship and Resilience in Urban Systems
   ETHN 1890J Native American Environmental Health Movements
   HMAN 1970G International Perspectives on NGOs, Public Health, and Health Care Inequalities
   NEUR 0010 The Brain: An Introduction to Neuroscience (Human Biology/Physiology course)
   PLCY 1700V Nonprofit Organizations
   SOC 0300B Environment and Society
   SOC 0300E HIV/AIDS: Politics, Culture and Society
   SOC 0300F Unequal From Birth: Child Health From a Social Perspective
   SOC 0300K Inequalities and Health
   SOC 1250 Perceptions of Mental Illness
SOC 1315  Macro-Organizational Theory: Organizations in Social Context
SOC 1410  Aging and the Quality of Life
SOC 1540  Human Needs and Social Services
SOC 1550  Sociology of Medicine
SOC 1870D  Aging and Social Policy
SOC 1871H  Social Perspectives on HIV/AIDS
SOC 1871N  Military Health: The Quest for Healthy Violence

Total Credits 12

Honors:
An Honors track is available for students who qualify. Honors track students are also required to enroll in PHP 1980 in both semesters of their senior year to conduct research and write the honors thesis. Please visit http://www.brown.edu/academics/public-health/education-training/undergraduate/public-health-concentration/honors-track for details or email Barbara_Dailey@brown.edu for more information.

Study Abroad/Study Away: Courses taken elsewhere may be applied to non-core courses. Meet with a concentration adviser, and be prepared to provide a syllabus or syllabi, that you are interested in transferring to your concentration plan.