### Public Health

Public Health is an interdisciplinary concentration through which students examine a variety of health 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.

#### Requirements for Class of 2023 and Beyond

1. **Core Courses (non-substitutable; 5 required for all students)**
   - PHP 0310: Health Care in the United States
   - PHP 0320: Introduction to Public Health
   - PHP 0850: Fundamentals of Epidemiology
   - PHP 1501: Essentials of Data Analysis
   - PHP 1910: Public Health Senior Seminar

2. **Environmental Health and Policy (select one of the following):**
   - PHP 0720: Public Health and the Environment
   - PHP 1101: World of Food: Personal to Global Perspectives on Nutrition, Agriculture and Policy
   - PHP 1700: Current Topics in Environmental Health

3. **Health, Health Care Systems, and Policy (select one of the following):**
   - PHP 0330: Public Health Policy
   - PHP 0650: From Manufacturer to Patient: Why is the Cost of Prescription Drugs So Darn High?
   - PHP 1100: Comparative Health Care Systems
   - PHP 1480: Introduction to Public Health Economics

4. **Social and Behavioral Science for Prevention (select one of the following):**
   - PHP 0400: Intro to Health Disparities
   - PHP 0700: Global Public Health Interventions
   - PHP 1101: World of Food: Personal to Global Perspectives on Nutrition, Agriculture and Policy
   - PHP 1540: Alcohol Use and Misuse
   - PHP 1600: Obesity in the 21st Century: Causes, Consequences and Countermeasures
   - PHP 1610: Tobacco, Disease and the Industry: cigs, e-cigs and more
   - PHP 1650: Race, Racism, and Health
   - PHP 1680U:Intersectionality and Health Inequities
   - PHP 1690: Technology and Health Behavior Change
   - PHP 1920: Social Determinants of Health

5. **Global Health Elective (select one of the following):**
   - PHP 0700: Global Public Health Interventions
   - PHP 0720: Public Health and the Environment
   - PHP 1070: The Burden of Disease in Developing Countries

6. **Health Disparities Elective (select one of the following):**
   - PHP 0400: Intro to Health Disparities
   - PHP 1650: Race, Racism, and Health

7. **Biology (select one of the following):**
   - BIOL 0200: The Foundation of Living Systems
   - BIOL 0470: Genetics
   - BIOL 0510: Introductory Microbiology
   - BIOL 0530: Principles of Immunology
   - BIOL 0800: Principles of Physiology

8. **Humanities/Fine Arts/Humanistic Social Sciences for Public Health (select one of the following):**
   - HMAN 1970G: Race, Racism, and Health
   - HMAN 1977I: Intro to Health Disparities
   - HIST 1972H: Countries
   - HIST 1960Q: The Burden of Disease in Developing Countries
   - HIST 1080: Race, Sexuality, and Mental Disability History (HMAN 1973A)
   - AMST 1600C: The Anti-Trafficking Savior Complex: Saints, Sinners, and Modern-Day Slavery
   - AMST 1601: Health and Healing in American History (ST5 1110, GNSS 1960B)
   - CLPS 0710: The Psychology and Philosophy of Happiness (PHIL 0650)
   - COLT 0610Y: Women’s Writing in the Arab World
   - COLT 1810P: Literature and Medicine
   - COST 0100: Introduction to Contemplative Studies
   - ENGL 1030C: Writing Science
   - ENGL 1140D: Writing Diversity
   - ETHN 1750B: Treaty Rights and Food Fights: Eating Local in Indian Country
   - ETHN 1890J: Native American Environmental Health Movements
   - GNSS 0090C: Reproductive Health: Science and Politics
   - GNSS 0120: Introduction to Gender and Sexuality Studies
   - HISP 0490A: Spanish for Health Care Workers
   - HISP 0750Q: Health, Illness and Medicine in Spanish and Spanish American Literature and Film
   - HIST 0150H: Foods and Drugs in History
   - HIST 0270B: From the Columbian Exchange to Climate Change: Modern Global Environmental History
   - HIST 0286A: History of Medicine I: Medical Traditions in the Old World Before 1700
   - HIST 0537B: Tropical Delights: Imagining Brazil in History and Culture
   - HIST 1080: Humanitarianism and Conflict in Africa
   - HIST 1830M: From Medieval Bedlam to Prozac Nation: Intimate Histories of Psychiatry and Self
   - HIST 1960Q: Medicine and Public Health in Africa
   - HIST 1977I: Gender, Race, and Medicine in the Americas
   - HISP 0490A: Spanish for Health Care Workers
   - HISP 0750Q: Health, Illness and Medicine in Spanish and Spanish American Literature and Film
   - HIST 0150H: Foods and Drugs in History
   - HIST 0270B: From the Columbian Exchange to Climate Change: Modern Global Environmental History
   - HIST 0286A: History of Medicine I: Medical Traditions in the Old World Before 1700
   - HIST 0537B: Tropical Delights: Imagining Brazil in History and Culture
   - HIST 1080: Humanitarianism and Conflict in Africa
   - HIST 1830M: From Medieval Bedlam to Prozac Nation: Intimate Histories of Psychiatry and Self
   - HIST 1960Q: Medicine and Public Health in Africa
   - HIST 1977I: Gender, Race, and Medicine in the Americas

---

**Public Health**
### Requirements for Classes of 2021 and 2022

**1. Core Courses:** (non-substitutable; 4 required for honors, 5 for non-honors)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHP 0310</td>
<td>Health Care in the United States</td>
</tr>
<tr>
<td>PHP 0320</td>
<td>Introduction to Public Health</td>
</tr>
<tr>
<td>PHP 0850</td>
<td>Fundamentals of Epidemiology</td>
</tr>
<tr>
<td>PHP 1910</td>
<td>Public Health Senior Seminar</td>
</tr>
</tbody>
</table>

**Total Credits:** 12

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHP 1101</td>
<td>World of Food: Personal to Global Perspectives on Nutrition, Agriculture and Policy</td>
</tr>
<tr>
<td>PHP 1700</td>
<td>Current Topics in Environmental Health</td>
</tr>
<tr>
<td>PHP 1710</td>
<td>Climate Change and Human Health</td>
</tr>
<tr>
<td>AMST 1700I</td>
<td>Community Engagement with Health and the Environment</td>
</tr>
<tr>
<td>BIOL 1820</td>
<td>Environmental Health and Disease</td>
</tr>
<tr>
<td>ENV 0705</td>
<td>Equity and the Environment: Movements, Scholarship, Solutions</td>
</tr>
<tr>
<td>ENV 1580</td>
<td>Environmental Stewardship and Resilience in Urban Systems</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHP 0650</td>
<td>From Manufacturer to Patient: Why is the Cost of Prescription Drugs So Darn High?</td>
</tr>
<tr>
<td>PHP 1070</td>
<td>The Burden of Disease in Developing Countries</td>
</tr>
<tr>
<td>PHP 1100</td>
<td>Comparative Health Care Systems</td>
</tr>
<tr>
<td>PHP 1802S</td>
<td>Human Security and Humanitarian Response: Increasing Effectiveness and Accountability</td>
</tr>
<tr>
<td>PHP 1820</td>
<td>Designing Education for Better Prisoner and Community Health</td>
</tr>
<tr>
<td>ECON 1360</td>
<td>Health Economics</td>
</tr>
<tr>
<td>IAPA 1804E</td>
<td>Health Policy Challenges</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHP 1010</td>
<td>Doctors and Patients- Clinical Communication in Medicine</td>
</tr>
<tr>
<td>PHP 1400</td>
<td>HIV/AIDS in Africa: A Multidisciplinary Approach to Support HIV/AIDS Care and Treatment Programs</td>
</tr>
<tr>
<td>PHP 1540</td>
<td>Alcohol Use and Misuse</td>
</tr>
<tr>
<td>PHP 1600</td>
<td>Obesity in the 21st Century: Causes, Consequences and Countermeasures</td>
</tr>
<tr>
<td>PHP 1610</td>
<td>Tobacco, Disease and the Industry: cigs, e-cigs and more</td>
</tr>
<tr>
<td>PHP 1680U</td>
<td>Intersectionality and Health Inequities</td>
</tr>
<tr>
<td>PHP 1880</td>
<td>Meditation, Mindfulness and Health</td>
</tr>
<tr>
<td>PHP 1885</td>
<td>Measuring Mindfulness</td>
</tr>
<tr>
<td>PHP 1890</td>
<td>The Craving Mind</td>
</tr>
<tr>
<td>PHP 1920</td>
<td>Social Determinants of Health</td>
</tr>
<tr>
<td>PHP 2355</td>
<td>Designing and Evaluating Public Health Interventions</td>
</tr>
</tbody>
</table>

**5. Biology (Select one of the following):**

Note that AP Biology does not exempt students from this requirement. Most students will likely take BIOL 0200. Students who place out of BIOL 0200 with AP credit can choose one of the other four (4) courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 0200</td>
<td>The Foundation of Living Systems</td>
</tr>
<tr>
<td>BIOL 0470</td>
<td>Genetics</td>
</tr>
<tr>
<td>BIOL 0510</td>
<td>Introductory Microbiology</td>
</tr>
<tr>
<td>BIOL 0530</td>
<td>Principles of Immunology</td>
</tr>
<tr>
<td>BIOL 0800</td>
<td>Principles of Physiology</td>
</tr>
</tbody>
</table>

**6. Humanities/Fine Arts/Humanistic Social Sciences Course for Public Health (Select one of the following):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFRI 0550</td>
<td>African American Health Activism from Emancipation to AIDS</td>
</tr>
<tr>
<td>AFRI 1060W</td>
<td>Policy, Culture and Discourse that Shape Health and Access to Healthcare</td>
</tr>
<tr>
<td>AFRI 1060Z</td>
<td>Race, Sexuality, and Mental Disability History</td>
</tr>
<tr>
<td>AMST 1600C</td>
<td>The Anti-Trafficking Savior Complex: Saints, Sinners, and Modern-Day Slavery</td>
</tr>
<tr>
<td>AMST 1601</td>
<td>Health and Healing in American History</td>
</tr>
<tr>
<td>COST 0100</td>
<td>Introduction to Contemplative Studies</td>
</tr>
<tr>
<td>ENGL 1030C</td>
<td>Writing Science</td>
</tr>
<tr>
<td>ETHN 1750B</td>
<td>Treaty Rights and Food Fights: Eating Local in Indian Country</td>
</tr>
<tr>
<td>ETHN 1890J</td>
<td>Native American Environmental Health Movements</td>
</tr>
<tr>
<td>GNSS 0090C</td>
<td>Reproductive Health: Science and Politics</td>
</tr>
<tr>
<td>GNSS 0120</td>
<td>Introduction to Gender and Sexuality Studies</td>
</tr>
<tr>
<td>GNSS 1961H</td>
<td>Literary Imaginations of the Law: Human Rights and Literature</td>
</tr>
<tr>
<td>HISP 0490A</td>
<td>Spanish for Health Care Workers</td>
</tr>
<tr>
<td>HISP 0750Q</td>
<td>Health, Illness and Medicine in Spanish and Spanish American Literature and Film</td>
</tr>
<tr>
<td>HIST 0150H</td>
<td>Foods and Drugs in History</td>
</tr>
<tr>
<td>HIST 0270B</td>
<td>From the Columbian Exchange to Climate Change: Modern Global Environmental History</td>
</tr>
<tr>
<td>HIST 0286A</td>
<td>History of Medicine I: Medical Traditions in the Old World Before 1700</td>
</tr>
<tr>
<td>HIST 1080</td>
<td>Humanitarianism and Conflict in Africa</td>
</tr>
</tbody>
</table>
General Electives (Class of 2021: Select two)

- HIST 1830M: From Medieval Bedlam to Prozac Nation: Intimate Histories of Psychiatry and Self
- HIST 1977I: Gender, Race, and Medicine in the Americas
- HIST 1960Q: Medicine and Public Health in Africa
- HMAN 1970G: International Perspectives on NGOs, Public Health, and Health Care
- LACA 1503H: Sexuality, Human Rights and Health: Latin American Perspective and Brazilian Experiences
- PHIL 0060: Modern Science and Human Values
- PHIL 0260: Philosophy of Social Science
- PHIL 0390: Global Justice
- POBS 1501E: Histories of Global Health from Lusophone Africa: Biomedical Actions in Angola, Mozambique, Guinea
- TAPS 1281W: Artists and Scientists as Partners

7. General Electives (Class of 2021: Select two)  2

General electives may be selected from: A. All PHP and BIOL course offerings; B. the approved content area electives (#2, #3, #4, and #5) listed above; or C. the approved general electives listed below. No more than one (1) BIOL course can count as a general elective.

- PHP 1400: HIV/AIDS in Africa: A Multidisciplinary Approach to Support HIV/AIDS Care and Treatment Programs
- PHP 1680I: Pathology to Power: Disability, Health and Community
- PHPRI 1060W: Policy, Culture and Discourse that Shape Health and Access to Healthcare
- AMST 1601: Health and Healing in American History
- AMST 1906P: Food in American Society and Culture
- ANTH 0110: Anthropology and Global Social Problems: Environment, Development, and Governance
- 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 1920C: Social Contexts of Disease
- CLPS 0700: Social Psychology
- CLPS 1700: Abnormal Psychology
- CLPS 1783: Nudge: How to Use Social Psychology to Create Social Change
- ECON 0510: Development and the International Economy
- EDUC 0800: Introduction to Human Development and Education
- ENVS 0490: Environmental Science in a Changing World
- ENVS 1105: Introduction to Environmental GIS
- ETHN 1890J: Native American Environmental Health Movements
- GNSS 0090C: Reproductive Health: Science and Politics
- HMAN 1970G: International Perspectives on NGOs, Public Health, and Health Care
- NEUR 0010: The Brain: An Introduction to Neuroscience (Human Biology/Physiology course)
- NEUR 0700: Psychoactive Drugs and Society
- IAPA 1700E: Nonprofit Organizations
- IAPA 1700F: Engaged Research Engaged Publics
- IAPA 1803E: Social Entrepreneurship
- POLS 1740: Politics of Food
- SOC 0230: Sex, Gender, and Society
- 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
- STS 0700B: Science and Social Controversy
- STS 1700C: Science and Technology Policy in the Global South
- UNIV 0090: Meditation and the Brain: Applications in Basic and Clinical Science

Total Credits: 12

Honors:

Honors Track, Classes of 2021 & 2022

An Honors track is available for students who qualify. For Classes of 2021 & 2022, Honors track students do not enroll in PHP 1910, Senior Seminar during the Fall semester of their senior year, but rather are required to enroll in PHP 1980 for both semesters of their senior year to conduct research and write the honors thesis. Thus, for Classes of 2021 & 2022, thirteen courses are required for completion of the concentration requirements for an honors track student.

Honors Track, Classes of 2023 & Beyond

For Classes of 2023 & beyond, Honors track students enroll in PHP 1910, Senior Seminar during Fall semester of their senior year as well as PHP 1980, Honors Thesis Prep during both semesters of their senior year to conduct research and write the honors thesis. Thus, for Classes...
of 2023 & beyond, fourteen courses are required for completion of the concentration requirements for an honors track student. Please visit https://www.brown.edu/academics/public-health/undergraduate/curriculum/ for details or email Elizabeth Mellen (elizabeth_mellen@brown.edu) for more information.

**Study Abroad/Study Away:** Up to four courses taken elsewhere (study abroad or other transfer) may be applied to non-core courses (up to two per semester abroad). Meet with your concentration adviser to discuss and provide a syllabus for each course to be considered for transfer to your concentration plan.