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.

The undergraduate component to the five-year AB/MPH differs in some ways from the Public Health concentration. Please refer to https://www.brown.edu/academics/public-health/undergraduate/. Meet early with a concentration adviser to discuss your plans.

Requirements for Class of 2020

1. Core Courses: (non-substitutable; 4 required for honors, 5 for non-honors)
   - 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 0850 Fundamentals of Epidemiology
     This course is best taken by end of junior year before PHP 1910, Senior Seminar.
   - 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 is required for all non-honors seniors. PHP 0320 and PHP 0310 are required prerequisites.

2. Environmental Health and Policy (Select one of the following):
   - PHP 1101 World of Food: Personal to Global Perspectives on Nutrition, Agriculture and Policy
   - PHP 1700 Current Topics in Environmental Health
   - PHP 1710 Climate Change and Human Health
   - AMST 1700I Community Engagement with Health and the Environment
   - BIOL 1820 Environmental Health and Disease
   - ENVS 0705 Equity and the Environment: Movements, Scholarship, Solutions
   - ENVS 1580 Environmental Stewardship and Resilience in Urban Systems

3. Health, Health Care Systems and Policy (Select one of the following):
   - PHP 1070 The Burden of Disease in Developing Countries
   - PHP 1100 Comparative Health Care Systems
   - PHP 1500 Global Health Nutrition
   - PHP 1520 Emergency Medical Systems: An Anatomy of Critical Performance
   - PHP 1530 Case Studies in Public Health: The Role of Governments, Communities and Professions

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 1610 Tobacco, Disease and the Industry: cigs, e-cigs and more
   - PHP 1680U Intersectionality and Health Inequities
   - PHP 1880 Meditation, Mindfulness and Health
   - PHP 1890 The Craving Mind
   - PHP 1920 Social Determinants of Health
   - PHP 2355 Designing and Evaluating Public Health Interventions
   - POLY 1700K Health Policy Challenges

5. Humanities/Fine Arts/Humanistic Social Sciences Course for Public Health (Select one of the following)
   - HIST 0050 African American Health Activism from Emancipation to AIDS
   - HIST 1000W Policy, Culture and Discourse that Shape Health and Access to Healthcare
   - HIST 1060Z Race, Sexuality, and Mental Disability History
   - AMST 1600C The Anti-Trafficking Savior Complex: Saints, Sinners, and Modern-Day Slavery
   - AMST 1601 Health and Healing in American History
   - COST 0100 Introduction to Contemplative Studies
   - ENGL 1030C Writing Science
   - 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
   - GNSS 1961H Literary Imaginations of the Law: Human Rights and Literature
   - 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 1080 Humanitarianism and Conflict in Africa
   - 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

Public Health
General Electives (Class of 2020: Select three)

- CLPS 0700
- CLPS 1700
- CLPS 1783
- HMAN 1970G
- ECON 0390
- ECON 0510
- EDUC 0800
- ENVS 0110
- ENVS 0110
- ENVS 0490
- ETHN 1890J
- GNSS 0090C
- HMAN 1970G
- NEUR 0010
- NEUR 0700
- PLCY 1700V
- PLCY 1802
- PLCY 1910
- POLS 1740
- SOC 0230
- SOC 0300B
- SOC 0300E
- SOC 0300F
- SOC 0300K
- SOC 1250
- SOC 1315
- SOC 1410
- SOC 1540
- SOC 1550
- SOC 1870D
- SOC 1871H
- SOC 1871N
- STS 0700B
- STS 1700C
- UNIV 0090
- UNIV 1783
- CLPS 1700
- CLPS 1783
- HMAN 1970G
- ECON 0390
- ECON 0510
- EDUC 0800
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- ENVS 0490
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- SOC 1410
- SOC 1540
- SOC 1550
- SOC 1870D
- SOC 1871H
- SOC 1871N
- STS 0700B
- STS 1700C
- UNIV 0090
- UNIV 1783

Total Credits: 12

Requirements for Class of 2021

1. Core Courses: (non-substitutable; 4 required for honors, 5 for non-honors)
   - PHP 0310
   - PHP 0320

2. General Electives (Class of 2020: Select three)
   - PHIL 0060
   - PHIL 0260
   - PHIL 0390
   - POBS 1501E
   - TAPS 1281W

3. Core Courses: (non-substitutable; 4 required for honors, 5 for non-honors)
   - PHP 0030
   - PHP 0050
   - PHP 1400
   - PHP 1680I
   - PHRI 1060W
   - AMST 1601
   - AMST 1906P
   - ANTH 0110
   - ANTH 0300
   - ANTH 1020
   - ANTH 1242
   - ANTH 1300
   - ANTH 1310
   - BIOL 0030
   - BIOL 0040
   - BIOL 0140K
   - BIOL 0180
   - BIOL 0190E
   - BIOL 0200
   - BIOL 0470
   - BIOL 0530
   - BIOL 0800
   - BIOL 0860
   - BIOL 0920A
   - BIOL 1920B
   - BIOL 1920C
   - BIOL 1920D
   - BIOL 0920A
   - BIOL 0860
   - BIOL 0800
   - BIOL 0200
   - BIOL 0190E
   - BIOL 0180
   - BIOL 0140K
   - BIOL 0040
   - BIOL 0030
   - ANTH 1020
   - ANTH 1242
   - ANTH 1300
   - ANTH 1310
   - BIOL 0030
   - BIOL 0040
   - BIOL 0140K
   - BIOL 0180
   - BIOL 0190E
   - BIOL 0200
   - BIOL 0470
   - BIOL 0530
   - BIOL 0800
   - BIOL 0860
   - BIOL 0920A
   - BIOL 1920B
   - BIOL 1920C
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   - CLPS 1783
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   - UNIV 0090
   - UNIV 1783

4. Core Courses: (non-substitutable; 4 required for honors, 5 for non-honors)
   - PHP 0310
   - PHP 0320

This course is best taken as a freshman or sophomore.

5. Core Courses: (non-substitutable; 4 required for honors, 5 for non-honors)
   - PHP 0850

This course is a prerequisite to the Fundamentals of Epidemiology (PHP 0850) and is best taken as a freshman or sophomore.
This course is best taken by end of junior year before PHP 1910, Senior Seminar.

PHP 1501 Essentials of Data Analysis 1
This course is best taken by end of junior year before PHP 1910, Senior Seminar.

PHP 1910 Public Health Senior Seminar 1
This course is required for all non-honors seniors. PHP 0320 and PHP 0310 are required prerequisites.

2. Environmental Health and Policy (Select one of the following): 1

PHP 1101 World of Food: Personal to Global Perspectives on Nutrition, Agriculture and Policy

PHP 1700 Current Topics in Environmental Health

PHP 1710 Climate Change and Human Health

AMST 1700I Community Engagement with Health and the Environment

BIOL 1820 Environmental Health and Disease

ENVS 0705 Equity and the Environment: Movements, Scholarship, Solutions

ENVS 1580 Environmental Stewardship and Resilience in Urban Systems

3. Health, Health Care Systems and Policy (Select one of the following): 1

PHP 1070 The Burden of Disease in Developing Countries

PHP 1100 Comparative Health Care Systems

PHP 1500 Global Health Nutrition

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 1802S Human Security and Humanitarian Response: Increasing Effectiveness and Accountability

PHP 1820 Designing Education for Better Prisoner and Community Health

PLCY 1360 Health Economics

PLCY 1700K Health Policy Challenges

4. Social and Behavioral Science for Prevention (Select one of the following): 1

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 1610 Tobacco, Disease and the Industry: cigs, e-cigs and more

PHP 1680U Intersectionality and Health Inequities

PHP 1880 Meditation, Mindfulness and Health

PHP 1890 The Craving Mind

PHP 1920 Social Determinants of Health

PHP 2355 Designing and Evaluating Public Health Interventions

POL 1740 Politics of Food

5. Biology (Select one of the following): 1

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.

BIOL 0200 The Foundation of Living Systems

BIOL 0470 Genetics

BIOL 0510 Introductory Microbiology

BIOL 0530 Principles of Immunology

BIOL 0800 Principles of Physiology

6. Humanities/Fine Arts/Humanistic Social Sciences Course for Public Health (Select one of the following) 1

AFRI 0550 African American Health Activism from Emancipation to AIDS

AFRI 1060W Policy, Culture and Discourse that Shape Health and Access to Healthcare

AFRI 1060Z Race, Sexuality, and Mental Disability History

AMST 1600C The Anti-Trafficking Savior Complex: Saints, Sinners, and Modern-Day Slavery

AMST 1601 Health and Healing in American History

COST 0100 Introduction to Contemplative Studies

ENGL 1030C Writing Science

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

GNSS 1961H Literary Imaginations of the Law: Human Rights and Literature

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 1080 Humanitarianism and Conflict in Africa

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

HIST 1972H U.S. Human Rights in a Global Age

HMAN 1970G International Perspectives on NGOs, Public Health, and Health Care Inequalities

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
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ETHN 1890J</td>
<td>Native American Environmental Health Movements</td>
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<tr>
<td>GNSS 0090C</td>
<td>Reproductive Health: Science and Politics</td>
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<tr>
<td>HMAN 1970G</td>
<td>International Perspectives on NGOs, Public Health, and Health Care Inequalities</td>
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<tr>
<td>NEUR 0010</td>
<td>The Brain: An Introduction to Neuroscience (Human Biology/Physiology course)</td>
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<tr>
<td>NEUR 0700</td>
<td>Psychoactive Drugs and Society</td>
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<tr>
<td>PLCY 1700V</td>
<td>Nonprofit Organizations</td>
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<tr>
<td>PLCY 1802</td>
<td>Engaged Research Engaged Publics</td>
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<td>PLCY 1910</td>
<td>Social Entrepreneurship</td>
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<tr>
<td>POLS 1740</td>
<td>Politics of Food</td>
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<tr>
<td>SOC 0230</td>
<td>Sex, Gender, and Society</td>
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<tr>
<td>SOC 0300B</td>
<td>Environment and Society</td>
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<tr>
<td>SOC 0300E</td>
<td>HIV/AIDS: Politics, Culture and Society</td>
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<tr>
<td>SOC 0300F</td>
<td>Unequal From Birth: Child Health From a Social Perspective</td>
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<tr>
<td>SOC 0300K</td>
<td>Inequalities and Health</td>
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<tr>
<td>SOC 1250</td>
<td>Perceptions of Mental Illness</td>
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<tr>
<td>SOC 1315</td>
<td>Macro-Organizational Theory: Organizations in Social Context</td>
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<td>SOC 1410</td>
<td>Aging and the Quality of Life</td>
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<td>SOC 1540</td>
<td>Human Needs and Social Services</td>
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<td>SOC 1871N</td>
<td>Military Health: The Quest for Healthy Violence</td>
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<tr>
<td>STS 0700B</td>
<td>Science and Social Controversy</td>
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<td>STS 1700C</td>
<td>Science and Technology Policy in the Global South</td>
</tr>
<tr>
<td>UNIV 0090</td>
<td>Meditation and the Brain: Applications in Basic and Clinical Science</td>
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<tr>
<td><strong>Total Credits</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

**Honors:**

An Honors track is available for students who qualify. Honors track students do not enroll in PHP1910, 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, thirteen 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](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 a concentration adviser to discuss; provide a syllabus for each course to be considered for transfer to your concentration plan.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Helvetica was used instead of Arial.
The editor may contact Leepfrog for a draft with the correct fonts in place.