Public Health and Equity

Program Director: Dr. Joseph Byonanebye, Clinical Assistant Professor, Department of Biomedical Sciences

Public health is the science and art of preventing disease, prolonging life and promoting human health through organized efforts and informed choices of society, organizations (public and private), communities and individuals. Public health is a multidisciplinary field and modern public health practice requires multidisciplinary teams of public health workers and professionals. It engages people from many different disciplines who work together to uncover the root causes of complex health problems and develop practical and cost-effective solutions. On the other hand, health equity is the attainment of the highest level of health for all people according to Healthy People 2020. Health equity means efforts to ensure that all people have full and equal access to opportunities that enable them to lead healthy lives.

Public Health and Equity Minor

The minor consists of 19 credits that includes 10 credits of required courses: MLSC 2060, BISC 4153 and a two-course capstone sequence (PBHE 4667 and PBHE 4997) that fosters community engagement. The remaining nine credits are selected from content areas, with at least one course completed in each of the three content areas of Biomedical, Cultural/Social and Education/Policy. In addition, at least one course within the 19 credits in the minor must be a Health Equity designated course as indicated by the footnote. All courses in the minor must be completed with grades of C- or higher and an overall grade point average of 2.000.

### Code	| Title |
---|---|
**Required Courses** | |
MLSC 2060 | Public Health |
BISC 4153/7153 | Epidemiology |
PBHE 4667 | Public Health and Equity Project Design (1 credit) |
PBHE 4997 | Public Health and Equity Capstone |
**Content Areas - complete at least one course from each of the three content areas. At least one of these courses must also be designated as fulfilling the Health Equity cognate.** | |
**9** | |
**Biomedical Content Area** | |
ANTH 3153 | Demography |
BIEN 4931 | Topics in Biomedical Engineering (Topic: Global Mobility) ¹ |
BISC 3110 | Nutritional Aspects of Health |
BISC 4150/7150 | Outbreaks, Epidemics and Pandemics |
BISC 4157/7157 | Global Health ¹ |
BISC 4170 | Biology, Moral Behavior and Policy |
BISC 4275 | Modern Plagues: Stress, Trauma and Addiction |
COSC 3570 | Introduction to Data Science |
COSC 6345 | Mobile Health (mHealth) |
EXPH 3625 | Exercise is Medicine |
HEAL 1200 | Women's Health |
HEAL 3200 | Bioethics for Healthcare: Foundations, Dilemmas and Decision-Making ¹ |
PHIL 4335 | Biomedical Ethics |
PSYC 3420 | Health Psychology |
SOCI 3050 | Methods of Social Research |
**Cultural/Social Content Area** | |
ANTH 4320 | Culture, Law and Violence |
CMST 4570 | Cultural Diversity in Communicating Health and Wellness |
CRLS 3640 | Domestic Violence in the United States |
CRLS 3660 | Sex Offenses and Offenders |
EXPH 3500 | Health Behavior ¹ |
HEAL 1025 | Culture and Health |
HEALI 4931 | Global Health and Community-Based Approach in Brazil |
HEALI 4951 | Global Health Concepts in South Africa |
NURS 3600 | Community and Population Health Nursing ¹ |
SOCI 3500 | Culture, Health and Illness |
SOCI 3550 | Race, Gender and Medicine |
Public Health and Equity

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 3700</td>
<td>Social Movements, Protest and Change</td>
</tr>
<tr>
<td>SOCI 3750</td>
<td>Food, Water and Society</td>
</tr>
<tr>
<td>SOCI 4400</td>
<td>Social Inequality</td>
</tr>
<tr>
<td>SOCI 4680</td>
<td>Sociology of Mental Illness</td>
</tr>
<tr>
<td>SOWJ 2150</td>
<td>Immigrants and their Communities</td>
</tr>
<tr>
<td>SOWJ 3400</td>
<td>Advocacy and Social Change: Theory and Practice</td>
</tr>
<tr>
<td>THEO 3460</td>
<td>Theology and Global Health</td>
</tr>
</tbody>
</table>

Education/Policy Content Area

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BISC 4159/7159</td>
<td>Public Health Program Planning, Implementation and Evaluation</td>
</tr>
<tr>
<td>CMST 4500</td>
<td>Health Communication</td>
</tr>
<tr>
<td>CMST 4520</td>
<td>Health Communication Campaigns</td>
</tr>
<tr>
<td>CRLS 3570</td>
<td>Drug Crime and Policy in America</td>
</tr>
<tr>
<td>CRLS 4640</td>
<td>Family Violence and Public Intervention</td>
</tr>
<tr>
<td>ECON 4022</td>
<td>Economics of Healthcare and Health Policy</td>
</tr>
<tr>
<td>HEAL 2100</td>
<td>Primary Health Care Concepts</td>
</tr>
<tr>
<td>POSC/BISC 4381</td>
<td>Politics of U.S. Health Care</td>
</tr>
<tr>
<td>POSC/BISC 4461</td>
<td>Comparative Health Politics and Policy</td>
</tr>
<tr>
<td>SOCI 3520</td>
<td>Health Care Systems</td>
</tr>
<tr>
<td>SOWJ 3001</td>
<td>Social Welfare Policy and Services</td>
</tr>
<tr>
<td>SOWJ 4700</td>
<td>Global Aid and Humanitarianism</td>
</tr>
</tbody>
</table>

Total Credit Hours: 29

1 Denotes course fulfills the Health Equity cognate requirement.

Courses

PBHE 4667. Public Health and Equity Project Design. 1 cr. hr.
Provides mentorship in the design and development of a project that is completed in the capstone course. Includes researching a topic of interest, defining a scope of project and securing a faculty mentor and community partner/organization. S/U grade assessment. Prereq: CLLS 2060, BISC 4153 and cons. of instr.

PBHE 4931. Topics in Public Health and Equity. 1-3 cr. hrs.
Selected topics in Public Health and Equity. Specific topics are designated in the Schedule of Classes.

PBHE 4997. Public Health and Equity Capstone. 3 cr. hrs.
A culminating, integrated experiential course for students pursuing a minor in Public Health. Students complete the project developed in PBHE 4667 in a real-world setting through partnership with a community based, governmental or global health organization. Prereq: PBHE 4667.

PBHE 6947. Medical College of Wisconsin Global Health Dual Credit. 1-3 cr. hrs.
Graduate-level course in selected areas of global health equity offered at the Medical College of Wisconsin. Prereq: Admission into the MCW Global Health Equity MS program.