INTRODUCTION

The Bi-College Health Studies Multidisciplinary Minor, a collaboration between Haverford and Bryn Mawr Colleges, brings together students and faculty to explore the intertwined areas of health, disease, and social justice. We offer unparalleled training for students interested in confronting complex real-world health problems. Multidisciplinary in approach and collaborative in spirit, our curriculum embraces the social sciences, natural sciences, and humanities. Students learn how to think about health from a variety of disciplinary perspectives and with an appreciation of its many dimensions.

Our program welcomes students from every major. Their diverse perspectives come together to create an exceptionally rich learning experience. At the same time, we are committed to advancing each student’s particular academic goals, which may include medicine, public health, journalism, medical anthropology, health policy, among others.

Students may complete a Health Studies minor in conjunction with any major at Haverford, Bryn Mawr, or Swarthmore, pending approval of the student’s coursework plan by the home department and the home-campus Health Studies coordinator.

The Bi-Co Health Studies minor aims to:

- Create a coherent curricular structure in which students address issues of health and disease informed by multidisciplinary investigations, combining insights from the natural sciences, social sciences, and humanities.
- Develop a student’s ability to think and write with depth, precision, and sophistication about complex topics on health, disease, and social justice.
- Teach students how to collaborate with others, having varying skill sets and vocabularies, on issues pertaining to health and disease, so they can work in partnership with diverse stakeholders to contribute to the well-being of local communities and global populations.
Learning Goals

- Understand the interconnected physical, social, and humanistic dimensions of community health as described in the three core tracks below.
- Analyze the determinants of health and disease employing multidisciplinary perspectives.
- Apply principles of public health and social justice to contemporary issues of disease and well-being.
- Collaborate in interdisciplinary research and teamwork for improving community health.

(adapted from the Association of Schools of Public Health’s Undergraduate Public Health Learning Outcomes)
REQUIREMENTS FOR THE MINOR

The Health Studies Minor consists of six courses, which include:

✓ A required introductory course (HLTH 115)
✓ Three elective core course credits from a list approved by the faculty steering committee. Students must elect two of these courses from a department outside of the student’s major, and at least two of these courses should be at the non-introductory level. **Students must take one core course in each of three tracks:**
  - M track: mechanisms of disease and the maintenance of the healthy body
  - S track: familial, social, civic and governmental systems that structure and respond to issues of health and disease.
  - R track: cultural, literary, visual and ethical representations of health and illness
✓ One additional course, outside the student’s major. Students may choose either a core course or one selected from a list of approved affiliate courses that deal with health issues, but not necessarily as their primary focus.
✓ A senior capstone seminar (HLTH 398) organized around a single theme, which varies each year.

Only one course that fulfills a student’s graduation requirement for their major can also fulfill a requirement for the Health Studies minor. For students who are concentrating or minoring in an additional program, only one course counted toward the Health Studies minor can also fulfill a requirement for the concentration or second minor.

ADVISING

Students are assigned an advisor in the Health Studies minor when they declare. This advisor is always the Health Studies coordinator on the home campus. If there is a personnel change such that the position is passed to a different faculty member, advising responsibility is also transferred to the new coordinator.

As an interdisciplinary program that spans nearly a dozen departments in the Bi-Co, Health Studies has a large number of affiliate faculty. Students are encouraged to consult with any faculty member whose area of scholarship speaks to their interests. They should, however, rely exclusively on conversations with the Health Studies coordinator for guidance regarding fulfilling the requirements for the minor.

Students may reach out to the coordinator on either campus for academic and pre-professional advising but should ensure that documentation regarding how course requirements will be met is supplied to the advisor on the home campus for inclusion in the student’s advising file.
HOW TO DECLARE THE MINOR

BRYN MAWR STUDENTS

Bryn Mawr students interested in declaring a Health Studies minor should meet with the Director of Health Studies (Fall 2017: Prof. White, swhite@brynmawr.edu; Spring 2018: Prof. Ngalamulume, kngalamu@brynmawr.edu) to discuss the minor and how it fits with their academic and professional goals. Students are welcome to declare their minor at any time, and are encouraged to do so before their senior year. Students then fill out the Bryn Mawr College Minor Work Plan with courses they have taken or plan to take to satisfy the requirements for the Minor. The Director then approves and signs the plan and keeps one copy on file. The original copy must be taken to the Registrar’s office.

HAVERFORD STUDENTS

Step 1. Attend one of the scheduled Health Studies Teas or request an advising appointment with Prof. West, amwest@haverford.edu.
Step 2. Open the minor declaration form on the Registrar’s website: https://www.haverford.edu/registrar/forms.

On the course selection page the following courses must be included:
- HLTH 115 Introduction to Health Studies, preferably in the first or second year.
- A core course that the HLTH steering committee has approved to fulfill the R track.
- A core course that the HLTH steering committee has approved to fulfill the M track.
- A core course that the HLTH steering committee has approved to fulfill the S track.
- An additional core course (in any track) or an affiliate course that has approved as an elective for the minor.
- HLTH 398 Senior Seminar in Health Studies. This can only be taken in your Senior year.

The next page asks for Department Representative Information. Enter the contact information for the Haverford Health Studies coordinator: Anna West (amwest@haverford.edu).

Step 3. Submit the form and your transcript to the program coordinator (as long as you are taking the program for a minor) or either email your unofficial transcript to amwest@haverford.edu or place a printed copy in Prof. West’s mailbox in KINSC L203.
REQUIRED COURSES

All minors are required to take the introductory course and the senior seminar.

HLTH H115/B115. Introduction to Health Studies

The multidisciplinary foundation for the health studies minor. Students will be introduced to theories and methods from the life sciences, social sciences, and humanities and will learn to apply them to problems of health and illness. Topics include epidemiological, public health, and biomedical perspectives on health and disease; social, behavioral, and environmental determinants of health; globalization of health issues; cultural representations of illness; health inequalities, social justice, and the ethics of health as a human right.

Scheduling tips: H115/B115 is offered every semester (once per year on each campus). It is recommended that students take Intro to Health Studies in their first or second year. Students who develop an interest in the minor later during their undergraduate program may enroll as juniors. Intro to Health Studies and the Senior Seminar may not be taken in the same semester. Waivers enabling students to take the Intro and Senior Seminar in the same semester are available ONLY for students graduating no later than Spring 2018, in recognition of the greater likelihood of previous scheduling conflicts since the introductory course was offered only once per year during their first and second years on campus. Students graduating in 2019 or later should neither request nor expect to receive a waiver of this requirement.

HLTH H398/B398. Senior Seminar in Health Studies

Required culminating seminar, which integrates the three tracks of the Health Studies minor. Students share and critically assess their own and fellow students’ ongoing work to communicate across disciplines and understand the value and interconnectedness of different disciplinary approaches. Students present and defend their semester-long collaborative projects at the end of the course.

Scheduling tips: H398/B398 is offered every semester. The theme is determined by the instructor and varies from one semester to the next. Recent themes have included Native American health, epidemics, vaccines, and cancer. The seminar is often, although not exclusively, offered during the Tuesday evening 7:30-10:00pm block. While this is subject to change, students with obligations to evening senior seminars in their major should be especially mindful to plan ahead to avoid conflicts.

CORE ELECTIVES

Students must complete three core electives. One course must be elected from each of the three tracks: Mechanisms, Systems, and Representation. At least two of the three courses must be taken at the non-introductory level (200 or above). The electives on the lists below have been approved for students declaring the minor up to and including the 2017-18 academic year. A revised list of approved electives will be issued with the 2018-19 edition of this handbook.

Some courses cover content that is relevant to multiple tracks (indicated, for example, as M/S or R/S in the lists below). A determination of which track the course should count toward will be made on a case-by-case basis, taking into consideration the emphasis of the student’s term paper or other relevant project. In such cases, students must consult with their assigned Health Studies advisor to determine which track the course will count toward.

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**Prerequisites:** Most courses in the minor are at the 200 or 300-level, so interested students should consider taking introductory courses in anthropology, economics, history, natural sciences, political science, psychology, sociology, or statistics to gain the background necessary for the more advanced courses.

**Note:** In order that this list remain relevant for students who completed electives in previous academic years and wish to verify that they will count toward the Health Studies minor, the list includes courses that have been offered in the past but which may not be offered in the future. Inclusion in this list is not a guarantee that a course will be offered again. Students should use the official college catalogs to update their enrollment plans on an annual basis.

**Core Electives in the “M” Track**

**MECHANISMS** of disease and the **MAINTENANCE** of the healthy body

**Learning Goals for “M” Courses**

- Describe the biological mechanisms and risk factors of both infectious and chronic diseases.
- Understand how methods of epidemiology and surveillance are used to monitor population health and respond to disease outbreaks.
- Evaluate multiple sources of health information and assess health data; use this information to develop responses to individual and community health issues.
- Assess the influence that scientific research and technology have on individual and population health.

**BRYN MAWR**

- ANTH B208. Human Biology
- ANTH B237. Environmental Health
- ANTH B317. Disease and Human Evolution
- BIOL B201. Genetics
- BIOL B210. Biology and Public Policy (M/S)
- BIOL B216. Genomics
- BIOL B255. Microbiology
- BIOL B271. Developmental Biology
- BIOL B303. Human Physiology
- CHEM B242. Biological Chemistry
- CHEM B315. Medicinal Chemistry
- GNST B201. Nutrition, Smoking, and Cardiovascular Health
- PSYC B231. Health Psychology (M/S)
- PSYC B209. Abnormal Psychology
- PSYC B314. Advanced Data Science: Regression and Multivariate Statistics
- PSYC B331. Health Behavior and Context (M/S)
- PSYC B346. Pediatric Psychology
- PSYC B351. Developmental Psychopathology
- PSYC B395. Psychopharmacology

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- BIOL H121. Poisons, Plagues, Pollution and Progress
- BIOL H125. Perspectives: Genetic Roll and Royal Families (0.5 credits)
- BIOL H127. Perspectives in Human Biology: Human Genetic Diversity (0.5 credit)
- BIOL H128. Perspectives: How Do I Know Who I Am?
- BIOL H301. Advanced Genetic Analysis (0.5 credit)
- BIOL H308. Immunology (0.5 credit)
- BIOL H309. Molecular Neurobiology (0.5 credit)
BIOL H310.  Molecular Microbiology (0.5 credit)
BIOL H352.  Cellular Immunology (0.5 credits)
BIOL H360.  Bacterial Pathogenesis (0.5 credits)
CHEM H222.  Organic Biological Chemistry
HLTH H120.  Introduction to Health Statistics
HLTH H122.  Vexations of Vaccination
HLTH H210.  The Biology Behind Breakthroughs in Health and Medicine
HLTH H228.  Social Epidemiology (M/S)
HLTH H317.  Human Genetics and Eugenics
PSYC H209.  Abnormal Psychology
PSYC H245.  Health Psychology (also HLTH H245)
PSYC H318.  Neurobiology of Disease
PSYC H337.  Stress and Coping (also HLTH H337)
PSYC H349.  Anxiety Disorders and Their Treatment (M/S)

Core Electives in the “S” Track

Familial, social, civic, and governmental SYSTEMS that structure and respond to issues of health and disease

Learning goals for “S” courses

- Investigate how social, political, legal, and economic structures and institutions influence responses to health and disease.
- Examine public health as social justice with a fundamental right to health and health services.
- Identify stakeholders who influence health programs and interventions.
- Recognize the impact of policies, laws, and legislation on both individual and population health.
- Understand roles and responsibilities of government, non-government agencies, and private organizations in promoting health.
- Understand how organizational structures, financing, and the delivery of health care and public health services impact population health.
- Recognize the role of community collaborations in promoting population health.

BRYN MAWR

ANTH B210.  Medical Anthropology (R/S)
ANTH B312.  Anthropology of Reproduction (R/S)
ANTH B322.  Anthropology of the Body (R/S)
BIOL B210.  Biology and Public Policy (M/S)
ECON B217.  Health Economics
FREN B275.  Improving Mankind: Enlightened Hygiene and Eugenics (R/S)
GSSW B563.  Global Public Health
HIST B209.  An Introduction to the History of Medicine (R/S)
HIST B233.  Health and Disability in the US (R/S)
HIST B249.  History of Global Health
HIST B303.  Topics in American History: History of Medicine in America
HIST B319.  Topics in Modern European History: Women, Science, Medicine (R/S)
HIST B366.  Topics in African History: Social and Medical History of Medicine in Africa
HIST B337.  Topics in African History: History of Global Health (R/S)
PSYC B231.  Health Psychology (M/S)
PSYC B331.  Health Behavior and Context (M/S)
PSYC B340.  Women’s Mental Health
SOCL B326.  Feminist Perspectives on Health
SOCL B304.  Sociology of Medicine
SOCL B342.  Bodies in Social Life
SOWK B554.  Social Determinants of Health
SOWK B556.  Adult Development and Aging (alternate course name: Caring for an Aging America)

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Core Electives in the “R” Track

Cultural, literary, and visual REPRESENTATIONS of health and illness

Learning Goals for “R” Courses:
- Identify the role that humanistic inquiry plays in developing responses to pressing health issues
- Understand how literary and visual representations and cultural productions shape conceptions of health, illness, and the body.
- Explore the diversity of health beliefs and healing practices among individuals, communities, and cultures in local, national, and global contexts.
- Analyze ethical dilemmas in the field of public health, clinical medicine, and biomedical research.
- Understand how intersections of gender, race, ethnicity, and sexual discrimination shape health and disease, risk, and vulnerability.

BRYN MAWR

ANTH B210. Medical Anthropology (R/S)
ANTH B312. Anthropology of Reproduction (R/S)
ANTH B322. Anthropology of the Body (R/S)
FREN B275. Improving Mankind: Enlightened Hygiene and Eugenics (R/S)
FREN B325: Topics: Etudes avancées. Topic: Lumières et Medicine
HIST B209. An Introduction to the History of Medicine (R/S)
HIST B231. Medicine, Magic, and Miracles
HIST B233. Health and Disability in the US (R/S)
HIST B319. Topics in Modern European History: Women, Science, Medicine (R/S)
HIST B337. Topics in African History: History of Global Health (R/S)
PHIL B205. Medical Ethics
SOCL B248. Sociology of Bioethics

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ANTH H200. Viruses, Humans, Vital Politics: An Anthropology of HIV and AIDS (R/S)
ANTH H213. Bioethics and Social Justice (R/S) (also HLTH H213)
ANTH H224. Microbes-Animals-Humans: Ethnographic Adventures in Multispecies
ANTH H228. Reproductive Justice, Social Movements, and Civil Society (R/S)
ANTH H250. Medical Anthropology (R/S)
ANTH H260. Cultures of Health and Healing
ANTH H306. Empires of Sex: Race/Gender/Sexuality/Imperialism(s) (R/S)
CSTS H205. The History of Healing: Medicine and Disease in Classical Antiquity

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HLTH H218.  Experiencing and Responding to Illness and Disability: 1793-1930
HLTH H302.  Bodies of Injustice: Health, Illness, and Healing in Contexts of Inequality (R/S) (also ICPR H302)
HLTH H304.  Critical Disability Studies: Theory and Practice (R/S)
HLTH H307.  From Madness to Mental Illness: Rise of Psychiatry 1800s-Present (R/S)
ICPR H207A.  Disability, Identity, Culture
ICPR H223.  Mental Affliction: The Disease of Thought
HIST H233.  Old Age in the Modern Age (R/S)
PEAC H300.  Advanced Topics: Ethics of Care and Interdependence: Self, Other, World

**ADDITIONAL ELECTIVE**

Students in the minor must complete one additional elective (beyond the three noted above). The fourth elective may be drawn from the list of courses approved for any of the tracks (M, S, or R) or from the following list of affiliate courses.

**Affiliate courses** are distinct from core electives in that they have some health-related content but health is not their primary focus. In order to count an affiliate course toward the minor, students are expected to choose a health-related topic for the term paper or equivalent project. In addition, courses listed here which are offered by the Writing Program, irrespective of whether they are wholly or partially about health, may only count as affiliate courses and not as core electives. Affiliate courses are not assigned to a track (M, S, or R) because they cannot be used to meet the distribution requirement for the core electives.

**Approved Affiliate Courses**

**BRYN MAWR**

BIOL B215.  Experimental Design and Statistics
BIOL B380.  Topics in Cellular and Organismal Physiology
CHEM H357.  Topics in Bioorganic Chemistry (0.5 credits)
ECON B214.  Public Finance
HIST B237.  Urbanization in Africa
HIST B319.  Topics in European History: Drugs and European Imperialism
POLS B310.  Comparative Public Policy
PSYC B200.  Psychology in Practice, Praxis (0.5 credits) (depending on placement)
PSYC B260.  The Psychology of Mindfulness
PSYC B303.  Portraits of Maladjustment in Classic Children’s Novels
PSYC B327.  Adolescent Development
PSYC B375.  Movies and Madness
SOCL B342.  Bodies in Social Life
SOWK B590.  Social Work Practice with Immigrants and Refugees

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ANTH H309.  Anthropology and Urban Ecology
CHEM H358.  Topics in Environmental Chemistry: Lead in Our Environment
ECON H204.  Economist Statistics with Calculus
HIST H310.  Political Technologies of Race and the Body
ICPR H225.  Bring Your Own Body: Transgender between Archives and Aesthetics
MATH H203.  Statistical Methods and Applications (also STAT H203)
PEAC H201.  Applied Ethics of Peace, Justice, and Social Responsibility P
EAC H205.  Health Justice and Development Ethics
PEAC H307.  Human Rights and the Dead
PEAC H320.  Food Bioethics: Ethics, Justice, Human Rights of Food Choice
PSYC H242.  Cultural Psychology
PSYC H260.  The Psychology of Mindfulness

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STUDY ABROAD / STUDY AWAY

Health Studies is distinguished by its investigation of how local conditions of health and disease are shaped by interconnected global forces and processes, such as (im)migration, traveling microbes, war and conflict, and international humanitarian projects. Many students fulfill one or two of their elective requirements for the Health Studies minor while studying abroad. Examples of programs with curricula relevant to Health Studies include: AUSTRALIA--University of Melbourne; BARBADOS--University of West Indies; BOTSWANA--CIEE Gaborone; CHILE--Middlebury College; DENMARK--DIS Danish Institute for Study Abroad; ENGLAND--University College London.

Many students in the health studies minor choose to study abroad. Courses completed through study abroad may count toward the minor. The process for requesting that a course be counted toward the minor is separate from the process of transferring credit through the Registrar’s office. After the Registrar has approved the credit transfer, the student should provide the Health Studies coordinator on the home campus with a copy of the syllabus and, if requested, a copy of the final paper or term project. The Health Studies coordinator will make a determination as to whether the course should count and, if appropriate, which thematic track it should count toward. The coordinator may consult with his/her colleagues before making a determination. Documentation of approval (typically in the form of an email) will be added to the student’s advising file.

The same process applies to requests to count courses completed at other colleges and universities in the United States.
INTERNSHIPS

While not a formal requirement for the minor, Health Studies encourages students to take advantage of the many opportunities for enriching their academic work through independent research and/or internships, in both domestic and international settings. Such opportunities will help students face the challenges of integrating data and theory into their hands-on work in medicine and public health, in both clinical and community settings. Health Studies students have taken advantage of a rich array of international internships, including programs in Mexico, Nicaragua, Uganda, South Africa, and Thailand.

Haverford students may seek support through Haverford’s Center for Peace and Global Citizenship (CPGC), the Center for Career and Professional Advising (CCPA), the John B. Hurford ’60 Center for the Arts and Humanities (HCAH), the Koshland Integrated Natural Sciences Center (KINSC), and other interdisciplinary and co-curricular units on campus.

Bryn Mawr students interested in internships related to Health Studies may consult the Civic Engagement and Career and Professional Development (CPD) in LILAC (Leadership, Innovation, and Liberal Arts Center).

Students from either campus who wish to earn course credit toward the minor through completion of a health-related internship may choose to participate in the Praxis Independent Study courses offered at Bryn Mawr. Consult the Praxis website for more information about eligibility and requirements: [https://www.brynmawr.edu/node/4293](https://www.brynmawr.edu/node/4293).