

# PUBLIC HEALTH AND HEALTH EQUITY MAJOR —BS, HEALTH SCIENCES CONCENTRATION (PHE SCIENCE)

Minimum of 36 semester course credits plus general BS requirements (<https://catalog.mills.edu/undergraduate/academic-requirements/bs-requirements/>)

Code	Title	Credits
<b>Required</b>		
Public Health and Health Equity:		
PHE 001	Introduction to Public Health	3
PHE 100	Theories and Praxis of Health Equity	4
Select one of the following:		
PHE 002	Health Advocacy Program (or other approved internship) <sup>1</sup>	
PHE 003	Public Health Community Engagement Projects <sup>1</sup>	
Research and Policy:		
PPOL 015	Introduction to Policy: Identifying and Solving Public Problems	3
ETHS 189	Research Methods with Communities of Color, with Fieldwork <sup>2</sup>	4
PHE 130	Fundamentals of Epidemiology and Social Justice Health	3
Natural Sciences		
BIO 153	Human Physiology <sup>2</sup>	3
BIOC 141	Protein Chemistry and Enzymology	3
CHEM 105	Organic Chemistry I	4
CHEM 106	Organic Chemistry II	4
Select one of the following:		3-4
BIOC 142	Metabolism and Proteomics	
BIO 100	Microbiology	
BIO 135	Genetics	
Social Determinants of Health:		
Select one of the following:		3-4
PSYC 109	Health Psychology <sup>2</sup>	
SOC 142	Medical Sociology	
<b>Senior Requirement</b>		
PHE 191	Senior Seminar	4

<sup>1</sup> At least two terms are required, one of which must be in the Fall or Spring *and* taken for academic credit. Receiving credit for the other term is optional **to cover additional CORE Community Engagement requirement**. That term can be completed in the summer, fall, or spring. A maximum of two terms of credit can be received.

<sup>2</sup> Course with a prerequisite that is not part of the major

The additional mathematics course in the natural science and mathematics core must be either ECON 081 Introduction to Statistics

or PSYC 146 Statistics for the Behavioral Sciences. PHE 002 Health Advocacy Program and PHE 003 Public Health Community Engagement Projects can count toward the Independent Experience requirement for the BS degree.

**Note for Pre-Medical students:** The BS in Public Health and Health Equity with a Health Sciences concentration provides strong preparation for medical school. It is important that each pre-med student consults with a pre-med advisor at the very beginning of their undergraduate career. Please see the Medicine/Health Sciences webpage (<https://www.mills.edu/academics/undergraduate-programs/preprofessional-programs/medicine-health-sciences.php>).