



DREXEL UNIVERSITY

Dornsife

School of Public Health

# CATALOG

2020-2021

**UNDERGRADUATE**



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# The Dornsife School of Public Health

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## About the School

The Dornsife School of Public Health at Drexel University was founded on the principle of health as a human right and the recognition of the importance of social justice as a means to achieve health for all. We define health broadly to encompass physical, mental, and social well-being and not merely as the absence of disease or infirmity. We view the focus on the health of populations as a distinguishing feature of the field of public health. Our mission is to provide education, conduct research, and partner with communities and organizations to improve the health of populations.

The Dornsife School of Public Health was the first accredited school of public health in Philadelphia by the Council on Education for Public Health (CEPH). CEPH accreditation ensures quality and state-of-the-art education. By attending an accredited school of public health, students benefit from the broad range of educational and experiential opportunities that only full schools of public health can offer.

## Majors

- **NEW:** Global Public Health (BA)
- Public Health (BS) (p. 7)

## Accelerated Degree

- Public Health BS/MPH (p. 9)

## Minors

- **NEW:** Environmental Public Health
- **NEW:** Epidemiology
- Global Public Health (p. 12)
- **NEW:** Health and Social Justice
- Public Health (p. 13)

## Dornsife School of Public Health Faculty

Joseph Amon, PhD, MSPH (*Uniformed Services University of the Health Sciences*) *Director of the Office of Global Health*. Clinical Professor. Department of Community Health and Prevention. Global health; health and human rights; political epidemiology; ethics; mixed methods; health policy and advocacy; HIV/TB; monitoring and evaluation.

Amy Auchincloss, PhD, MPH (*University of Michigan*). Associate Professor. Department of Epidemiology and Biostatistics. Cardiovascular disease, data analysis methods; diabetes; global health or international health; health disparities; health economics; health policy; nutrition; spatial analysis or GIS; urban health.

Sharrelle Barber, ScD, MPH (*Harvard University*) *Director, The Ubuntu Center on Racism, Global Movements and Population Health Equity*.

Assistant Professor. Department of Epidemiology and Biostatistics. Racial/ethnic health inequalities in cardiovascular disease; social determinants of racial/ethnic health inequalities in cardiovascular disease; community-engaged research; geography and health; multilevel analysis; spatial analysis and GIS; global health; urban health.

Scarlett Bellamy, ScD (*Harvard University*) *Associate Dean for Diversity, Inclusion and Faculty Development*. Professor. Department of Epidemiology and Biostatistics. Clinical trials; data analysis methods; health disparities; infectious disease; mental health and behavioral health; reproductive or sexual health.

Zekarias Berhane, PhD (*University of Pittsburgh*). Assistant Professor. Department of Epidemiology and Biostatistics. Cancer; clinical trials; data analysis methods; global health and international health; health disparities; maternal and child health; urban health.

Usama Bilal, PhD, MPH, MD (*Johns Hopkins University*). Assistant Professor. Department of Epidemiology and Biostatistics. Urban Health Collaborative. Cardiovascular disease; diabetes; health and place or built environment; data analysis methods; health disparities; spatial analysis or GIS; urban health.

Sandra Bloom, MD (*Temple University School of Medicine*). Associate Professor. Department of Health Management and Policy. Psychological trauma and organizational stress.

Sherry Brandt-Rauf, MPhil, JD (*Columbia University*). Associate Teaching Professor. Department of Environmental and Occupational Health. Health policy, occupational health, environmental exposures, health disparities, public health law.

Jennifer Breaux, DrPh, MPH, CHES (*Drexel University*) *Director of Undergraduate Education*. Associate Teaching Professor. Department of Community Health and Prevention. Maternal and child health, community health, human rights.

Darryl Brown, PhD (*Johns Hopkins University*). Associate Teaching Professor. Department of Health Management and Policy. Health services research; healthcare administration and management; patient reported outcomes; health disparities; Pharmacoeconomics; managed care; urban health.

James W. Buehler, MD (*University of California, San Francisco*) *Interim Chair*. Clinical Professor. Department of Health Management and Policy. Health policy; urban health; public health practice; public health & health care interface.

Igor Burstyn, PhD (*Utrecht University*). Associate Professor. Department of Environmental and Occupational Health. O. Cancer; community based participatory research; cardiovascular disease; data analysis methods; statistical modeling; environmental exposures; maternal and child health; mental health and behavioral health; neurodevelopment and neurologic disorders; occupational health; asthma and COPD; industrial hygiene; risk assessment; epidemiology; Bayesian statistics.

Amy Carroll-Scott, PhD, MPH (*University of California at Los Angeles*). Associate Professor. Urban health; health and place or built environment; community based participatory research; health inequities; spatial analysis or GIS; data integration; data visualization; mixed methods study designs; place-based, cross-sector interventions and evaluation.

Esther Chernak, MD, MPH, FACP (*UMDNJ-Robert Wood Johnson Medical School*) *Director of the Center for Public Health Readiness and Communication; Director of Joint Degree Programs*. Associate Clinical

Professor. Department of Environmental and Occupational Health. Drexel University College of Medicine; Infectious diseases, public health emergency preparedness, medicine and public health, public health practice, crisis and emergency risk communication.

Mariana Chilton, PhD, MPH (*University of Pennsylvania*) Director, *Center for Hunger-Free Communities*. Professor. Department of Health Management and Policy. . Nutrition; community engaged research; health disparities; health policy; maternal and child health; mental health and behavioral health; urban health; violence and trauma; human rights; food insecurity.

Jane Clougherty, MSc, ScD (*Harvard University*). Associate Professor. Department of Environmental and Occupational Health. Environmental exposures; health and place or built environment; health disparities; urban health; violence and trauma; air pollution; chronic stress; environmental epidemiology; exposure science; gender analysis; multiple exposures; social epidemiology; spatial analysis and GIS; violence exposures.

Theodore Corbin, MD, MPP (*Drexel University*). Associate Professor. Department of Health Management and Policy. Health policy; design of care systems; high risk youth; violence; healthcare services; injury prevention.

Anneclaire De Roos, PhD, MPH (*University of North Carolina at Chapel Hill*). Associate Professor. Department of Environmental and Occupational Health. Environmental exposures; occupational health; spatial analysis or GIS; health and place or built environment; urban health; pesticides; risk assessment; drinking water; green landscape in cities.

Ana Diez Roux, MD, PhD, MPH (*Johns Hopkins University*) Dean. Distinguished Professor. Department of Epidemiology and Biostatistics. Urban Health Collaborative. Social determinants of health; neighborhoods and health; race and ethnic health disparities; psychosocial factors and cardiovascular disease; air pollution epidemiology; urban health; multilevel methods; complex systems approaches to population health; health in Latin America.

Nancy Epstein, MPH, MAHL (*University of North Carolina at Chapel Hill*). Professor. Department of Community Health and Prevention. . Arts and public health; community organizing and community-engaged research; religion, spirituality and health; behavioral health; program planning and evaluation.

Alison A. Evans, ScD (*Harvard University*). Associate Professor. Department of Epidemiology and Biostatistics. . Cancer; data analysis methods; immigrant health; infectious disease; maternal and child health; reproductive or sexual health.

Alex Ezeh, PhD (*University of Pennsylvania*) Professor of Global Health. Department of Community Health and Prevention. Global/international health; reproductive and sexual health; urban health; longitudinal research designs and methods; population change and its drivers; health systems research; research capacity strengthening.

Jerry Fagliano, MPH, PhD (*Johns Hopkins University*) Chair. Associate Clinical Professor. Department of Environmental and Occupational Health. Environmental exposures; public health practice; health disparities; climate change.

Robert I. Field, PhD, JD, MPH (*Columbia University*) Director, *JD/MPH Program*. . Professor. Department of Health Management and Policy. Health policy; public health law; health administration and management; public health ethics.

Janet Fleetwood, PhD (*University of Southern California*) Interim Chair. Professor. Department of Community Health and Prevention. Public health ethics; urban health; health disparities; food safety.

Dennis Gallagher, MA, MPA (*University of Pittsburgh*). Associate Teaching Professor. Department of Health Management and Policy. Health policy; history of public health; Medicare/Medicaid; public health practice.

Neil Goldstein, PhD, MBI (*Drexel University*). Assistant Research Professor. Department of Epidemiology and Biostatistics. Data analysis methods; eHealth or mHealth; infectious disease; maternal and child health; reproductive or sexual health; spatial analysis or GIS; statistical modeling; vaccines and vaccinations; electronic medical records/informatics; translational epidemiology.

Edward J. Gracely, PhD (*Temple University*) Joint Appointment in *Drexel University College of Medicine*. Associate Professor. Department of Epidemiology and Biostatistics. Data analysis methods; statistical consulting; biostatistics; multiple comparisons.

Ali Groves, PhD, MHS (*University of North Carolina*). Assistant Professor. Community engaged research; health disparities; health and place; maternal and child health; mixed methods research social determinants of racial/ethnic inequities in maternal health; spatial analysis or GIS; urban health.

Irene Headen, PhD (*University of California, Berkeley*). Assistant Professor. Community Engaged Research, Health Disparities Health and Place, Maternal and Child Health Mixed Methods Research, Social Determinants of Racial/Ethnic Inequities in Maternal Health, Spatial Analysis or GIS, Urban Health

Tom Hipper, MSPH, MA (*Johns Hopkins University*) Associate Director, *Center for Public Health Readiness and Communication*. Assistant Teaching Professor. Department of Environmental and Occupational Health. Crisis communication; risk communication; health communication; public health preparedness; emergency management; social media.

Jana Hirsch, MES, PhD (*University of Michigan*). Assistant Research Professor. . Department of Epidemiology and Biostatistics. Urban Health Collaborative. Health and place or built environment; health disparities; mental health and behavioral health; spatial analysis or GIS; urban health; physical activity; active aging and age-friendly neighborhoods.

Mary E. Hovinga, PhD, MPH (*University of Michigan*). Associate Professor. Department of Epidemiology and Biostatistics. Cancer; environmental exposures; maternal and child health.

Tran Huynh, PhD, MPH, CIH (*University of Minnesota*). Assistant Professor. Department of Environmental and Occupational Health. Community engaged research; cardiovascular disease; statistical modeling; immigrant health; health disparities; occupational health; workplace health interventions; industrial hygiene; Bayesian statistics; exposure assessment; epidemiology.

Jessie Kemmick Pintor, PhD, MPH (*University of Minnesota*). Assistant Professor. Department of Health Management and Policy. Community based participatory research; immigrant health; health disparities; health services research; health policy; maternal & child health; mixed methods; immigration policy.

Ann Klassen, PhD (*Johns Hopkins University*). Professor. Department of Community Health and Prevention. Cancer; community based participatory research; data analysis methods; GIS-based and spatial

analysis; environmental exposures; global health; immigrant health; health communication; health disparities; health policy; maternal and child health; substance abuse; nutrition; sexual health; urban health; mixed methods; qualitative methods; excess burden intervention.

Jennifer Kolker, MPH (*University of Michigan*) Associate Dean for *Public Health Practice and External Relations*. Clinical Professor. Department of Health Management and Policy. Access to care; health equity, health policy; public health practice; urban health.

Shiriki Kumanyika, PhD, MS, MPH (*Cornell University*). Research Professor. Department of Community Health and Prevention. Solutions to obesity and diet-related diseases in black children and adults; ethnic disparities in obesity in the US and other high-income countries; "culture of health" approaches in black communities; assessment of food environments; environmental influences on lifestyle changes; targeted marketing of unhealthy foods and beverages; food and nutrition policy; evidence-based public health; social determinants of health and health equity; systems science applications in public health.

Brent Langellier, PhD, MA (*University of California, Los Angeles*). Assistant Professor. Department of Health Management and Policy. Health disparities; health policy; immigrant health.

Stephen E. Lankenau, PhD (*University of Maryland*) Associate Dean for *Research*. Professor. Department of Community Health and Prevention. Mental health and behavioral health; substance use; urban health.

Mariana Lazo, MD, PhD, ScM (*Johns Hopkins University*). Associate Research Professor. Racial/ethnic health disparities; Hispanic/Latino health; social determinants of health; community-based participatory research; urban health; epidemiology of obesity and diabetes; epidemiology of cardiovascular diseases; epidemiology of alcohol consumption; epidemiology of chronic liver diseases.

Michael LeVasseur, PhD (*Drexel University*). Assistant Teaching Professor. Data analysis; health disparities; infectious disease; reproductive or sexual health.

Brian K. Lee, PhD (*Johns Hopkins University*). Associate Professor. Department of Epidemiology and Biostatistics. Data analysis methods; maternal and child health; mental health and behavioral health; neurodevelopment and neurologic disorders.

Nora L. Lee, PhD (*Johns Hopkins University*). Assistant Research Professor. Department of Epidemiology and Biostatistics. Maternal and child health; reproductive and perinatal health; health disparities; tobacco control.

Longjian Liu, MD, PhD, MSc, FAHA (*The University of Hong Kong*). Associate Professor. Department of Epidemiology and Biostatistics. Cardiovascular disease; diabetes; environmental exposures; global health or international health; health disparities; infectious disease; neurodevelopment and neurologic disorders; nutrition; spatial analysis or GIS; urban health; pharmacoepidemiology; air quality and urban health in China; health failure epidemiology.

Gina Lovasi, PhD, MPH (*University of Washington*) Co-Director of the *Urban Health Collaborative*. Associate Professor of *Urban Health*. Department of Epidemiology and Biostatistics. Urban Health Collaborative. Cardiovascular disease; data analysis methods; health and place or built environment; health disparities; spatial analysis or GIS; urban health; urban trees and greenspace; local retail and urban design; transportation, infrastructure and policies.

Félice Lê-Scherban, PhD, MPH (*University of Michigan*). Associate Professor. Department of Epidemiology and Biostatistics. Life course approaches to socioeconomic, racial, and ethnic health disparities; social determinants of health among immigrants; causal links between education and health; analytic methods in social epidemiology.

Ana Martinez-Donate, PhD (*Universidad Autonoma de Madrid, Spain*). Professor. Department of Community Health and Prevention. Community engaged research; immigrant health; health disparities; HIV prevention; health care access; Latino health.

Tara McAlexander, PhD (*Johns Hopkins University*). Assistant Research Professor. Cardiovascular disease, diabetes, nutrition; spatial analysis or GIS; data analysis methods, statistical modeling; health and place or built environment; occupational health, environmental exposures, emergency preparedness; health disparities.

Leslie McClure, PhD, MPH (*University of Michigan*) Chair, Associate Dean for *Faculty Affairs*. Professor. Department of Epidemiology and Biostatistics. Cardiovascular disease; clinical trials; environmental exposures, statistical modeling; adaptive designs in clinical trials; statistical methods for environmental epidemiology.

Yvonne Michael, ScD (*Harvard University*). Professor. Department of Epidemiology and Biostatistics. Social epidemiology; epidemiology of aging; women's health; neighborhoods and health; health disparities.

Alex Ortega, PhD (*University of Michigan*) Director, *Center for Population Health and Community Impact*. Professor. Department of Health Management and Policy. Latino health; immigrant health; health disparities; health services research; health policy.

Sungchul Park, PhD, MPH (*University of Washington*). Assistant Professor. Department of Health Management and Policy. Data analysis methods; statistical modeling; health economics; health disparities; health policy.

Jonathan Purtle, DRPH, MPH, MsC (*Drexel University*). Associate Professor. Department of Health Management and Policy. Mental health policy and services research; policy dissemination and implementation research; traumatic stress in urban areas; trauma-informed system design; violence prevention; political institutions and health.

Harrison Quick, PhD (*University of Minnesota*). Assistant Professor. Department of Epidemiology and Biostatistics. Occupational health; spatial analysis or GIS; statistical modeling; urban health; Bayesian inference; data confidentiality.

Alex Quistberg, PhD, MPH (*University of Washington*). Assistant Research Professor. Department of Environmental and Occupational Health. Urban Health Collaborative. Data analysis methods; global health or international health; health and place or built environment; health disparities; spatial analysis or GIS; urban health; intentional/violent injury and trauma; unintentional injury and trauma.

John A. Rich, MD, MPH (*Duke University*) Director, *Center for Nonviolence and Social Justice*. Professor. Department of Health Management and Policy. Health disparities; violence and trauma; urban health.

Lucy Robinson, PhD (*Columbia University*). Assistant Professor. Department of Epidemiology and Biostatistics. Data analysis methods; neurodevelopment and neurologic disorders; spatial analysis or GIS; statistical modeling.

Alexis Roth, PhD, MPH (*Indiana University*). Associate Professor. Department of Community Health and Prevention. Substance use; reproductive or sexual health; community engaged research; infectious diseases; eHealth or mHealth; health disparities; urban health; mixed methods; women's health; social determinants of health.

Ayden Scheim, PhD (*Western University, Canada*). Assistant Professor. Department of Epidemiology and Biostatistics. Global health or international health; infectious disease; substance use; community based participatory research; social epidemiology; survey research methods; HIV/AIDS; LGBT health.

Leah Schinasi, PhD (*University of North Carolina*). Assistant Professor. Department of Environmental and Occupational Health. Environmental exposures; cancer; health and place or built environment; occupational health; urban health; community based participatory research; environmental justice; environmental epidemiology; climate change.

Randall L. Sell, ScD (*Harvard University*). Professor. Department of Community Health and Prevention. Evaluation methods; research methods; LGBT health.

Lindsay Shea, DrPH, MS (*Drexel University*). Assistant Professor. Department of Health Management and Policy. Neurodevelopment; neurologic disorders; mental health; behavioral health; health policy.

David Smith, PhD (*University of Michigan*). Research Professor. Department of Health Management and Policy. Health administration and management; health disparities; history of public health; health services research; health policy; spatial analysis or GIS.

Suruchi Sood, PhD (*University of New Mexico*). Associate Professor. Department of Community Health and Prevention. Global health or international health; health communication; maternal and child health; community based participatory research; community engaged research data analysis methods; nutrition; public health practice; reproductive or sexual health; violence and trauma; adolescent health; process evaluation (monitoring); program evaluation.

Mark Stehr, PhD (*University of California at Berkeley*) *Director School of Economics*. Professor. Health economics; health behaviors; public finance; public policy.

Jim Stimpson, PhD (*University of Nebraska*) *Senior Associate Dean for Education*. Professor. Department of Health Management and Policy. Cancer; immigrant health; health and place or built environment; health services research; health disparities; health policy; urban health.

Nina Sun, JD (*University of Maryland*) *Deputy Director, Global Health*. Assistant Clinical Professor. Department of Community Health and Prevention. Global health; sexual and reproductive health; health disparities; health policy; human rights; social and political determinants of health.

Theresa Sweet, PhD, MPH (*University of Michigan*). Associate Teaching Professor. Department of Epidemiology and Biostatistics. Cancer; health disparities; infectious diseases.

Brisa Sánchez, PhD (*Harvard University*). Dornsife Endowed Professor. Department of Epidemiology and Biostatistics. Statistical methods development; big data; data integration; health and place or built environment; development of mixed methods; health disparities; spatial analysis or GIS; environmental exposures.

Loni Philip Tabb, PhD (*Harvard University*). Associate Professor. Department of Epidemiology and Biostatistics. Cardiovascular health; health disparities & inequities; urban health; violence and trauma; environmental exposures; health and place; built environment; Bayesian statistical methods; spatial and spatio-temporal disease mapping.

Jennifer A. Taylor, PhD, MPH, CPPH (*Johns Hopkins University*) *Director, Center for Firefighter Injury Research and Safety Trends*. Arthur L. and Joanne B. Frank Professor. Department of Environmental and Occupational Health. Community engaged research; data analysis methods; healthcare administration and management; health services research; health disparities; health policy; mental health or behavioral health; occupational health; public health practice; spatial analysis or GIS; urban health; violence and trauma.

Renee M. Turchi, MD, MPH (*Johns Hopkins University*) *Joint appointment in the Drexel University College of Medicine*. Clinical Professor. Department of Community Health and Prevention. Health care for children and youth with special health care needs; child and maternal health.

Seth Welles, PhD, ScD (*Harvard University*). Professor. Department of Epidemiology and Biostatistics. Cancer; clinical trials; community engaged research data analysis methods; global health or international health; health disparities; infectious disease; mental health and behavioral health; reproductive or sexual health; statistical modeling; substance use; violence and trauma.

Issa Zakeri, PhD (*University of Illinois and Urbana-Champaign*). Professor. Department of Epidemiology and Biostatistics. Data analysis methods; statistical modeling.

## Emeritus Faculty

Arthur L. Frank, MD, PhD (*Mount Sinai School of Medicine*) *Chair Emeritus*. Professor. Department of Environmental and Occupational Health. Cancer; environmental exposures; global or international health; history of public health; occupational health; agricultural safety and health; toxicology; environmental justice.

Marla Gold, MD (*New Jersey Medical School*) *Vice Provost, Dean Emerita*. Professor. Department of Health Management and Policy. Design of HIV/AIDS care systems, treatment protocols, resource utilization, and epidemiology; CQI, managed care and systems of health care, health administration, behavioral health care and substance abuse treatment systems.

Raymond Lum, MS (*University of Pennsylvania*). Associate Teaching Professor. Department of Health Management and Policy. Asian health; change management; E-health; health disparities; innovation diffusion; organization learning theory.

Jana M. Mossey, PhD, MPH, MSN (*University of North Carolina at Chapel Hill*). Professor Emerita. Department of Epidemiology and Biostatistics. Mental health; aging; social and psychiatric.

Augusta M. Villanueva, PhD (*University of Texas at Austin*). Associate Professor Emeritus. Department of Community Health and Prevention. Poverty; health care for the underserved; health disparities; high risk youth; urban health issues; racial and ethnic disparities in health and health care; community-based participatory research behavioral health; community health; immigrant communities; LGBT issues; public health infrastructure; qualitative research.

# Global Public Health

Major: Global Public Health

Degree Awarded: Bachelor of Arts (BA)

Calendar Type: Quarter

Total Credit Hours: 180.0

Co-op Options: One Co-op (Four years)

Classification of Instructional Programs (CIP) code: 51.2201

Standard Occupational Classification (SOC) code: 21-1091

## About the Program

The Bachelor of Arts in Global Public Health is an innovative undergraduate major that utilizes an interdisciplinary approach to expose undergraduates to global public health. Students will take a myriad of required courses within the Dornsife School of Public Health as well as courses in Global Studies and Modern Languages to fulfill degree requirements. Students majoring in Global Public Health at Drexel University for four years with one co-op cycle and are encouraged to explore global experiences for added breath and depth.

Upon completion of the major, students can choose to use this degree program as a precursor to an MPH or an MS in a related topic area or as an active candidate for medical school or other schools of health-related professions. If students look to enter the workforce post BA, a variety of settings are applicable to this degree ranging from positions in public service (local, city, and state government), to NGO (local and international), and to healthcare settings.

Commonly found job titles for students seeking employment with the BA in Global Public Health are public health analysts, health educators, health coordinators, education specialists, health promotion assistant, behavioral health workers, site prevention specialists, and site community health workers.

## Additional Information

For more information about this program, please contact:

DSPH Academic Advising Team  
Office of Education  
dspadvising@drexel.edu

Additional information can be found on the Dornsife School of Public Health website including how to apply. (<https://drexel.edu/dornsife/admissions/overview/>)

## Degree Requirements

### General Education Requirements

CIVC 101	Introduction to Civic Engagement	1.0
COM 230	Techniques of Speaking	3.0
COM 320 [WI]	Science Writing	3.0
COOP 101	Career Management and Professional Development	1.0
ECON 240	Economics of Health Care Systems	4.0
ENGL 101	Composition and Rhetoric I: Inquiry and Exploratory Research	3.0
or ENGL 111	English Composition I	
ENGL 102	Composition and Rhetoric II: Advanced Research and Evidence-Based Writing	3.0
or ENGL 112	English Composition II	
ENGL 103	Composition and Rhetoric III: Themes and Genres	3.0
or ENGL 113	English Composition III	
GST 101	Becoming Global: Language and Cultural Context	3.0
UNIV PH101	The Drexel Experience	1.0

PSY 101	General Psychology I	3.0
SOC 101	Introduction to Sociology	3.0
Two mathematics courses		8.0
Two science courses		8.0
<b>Global Studies Electives</b>		<b>24.0</b>
Select any 8 courses from GST Department		
<b>Language Minor *</b>		<b>36.0</b>
<b>Public Health Core Course Requirements</b>		
PBHL 101	Public Health 101	3.0
PBHL 301	Epidemiology in Public Health	3.0
PBHL 302	Introduction to the History of Public Health	3.0
PBHL 303	Overview of Issues in Global Health	3.0
PBHL 304	Introduction to Health & Human Rights	3.0
PBHL 308	The U.S. Public Health System	3.0
PBHL 314	Environmental and Occupational Health	3.0
PBHL 497	Capstone Experience I	2.0
PBHL 498	Capstone Experience II	3.0
PBHL 499	Capstone Experience III	3.0
<b>Public Health Electives</b>		<b>12.0</b>
Complete 4 of the following courses:		
PBHL 305	Women and Children: Health & Society	
PBHL 306	Introduction to Community Health	
PBHL 307	Injury Prevention and Control	
PBHL 311	Public Health Biology	
PBHL 312	Public Health Data Analysis	
PBHL 313	The Social Determinants of Health and Well-Being	
PBHL 315	Public Health Leadership	
PBHL 316	Drugs, Society, and Public Health	
PBHL 317	The World's Water	
PBHL 318	Violence and Trauma in Public Health	
PBHL 319	Nature Prescription: Trees, Green Space, and Your Health	
PBHL 321	Disease Outbreak Investigations	
<b>Free Electives **</b>		<b>32.0</b>
<b>Total Credits</b>		<b>180.0</b>

\* Students must complete at least 24 credits above the 103 language level to earn a language minor. If students only need to complete 24 credits of a language, then the remaining credits will be taken as Free electives.

\*\* Additional language credits can be made up using Free Electives.

## Writing-Intensive Course Requirements

In order to graduate, all students must pass three writing-intensive courses after their freshman year. Two writing-intensive courses must be in a student's major. The third can be in any discipline. Students are advised to take one writing-intensive class each year, beginning with the sophomore year, and to avoid "clustering" these courses near the end of their matriculation. Transfer students need to meet with an academic advisor to review the number of writing-intensive courses required to graduate.

A "WI" next to a course in this catalog may indicate that this course can fulfill a writing-intensive requirement. For the most up-to-date list of writing-intensive courses being offered, students should check the Writing Intensive Course List (<http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/writing-intensive-courses/>) at the University Writing Program (<http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/>). (<http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/drexel-writing-center/>) Students scheduling their courses can also conduct a search for courses

with the attribute "WI" to bring up a list of all writing-intensive courses available that term.

## Sample Plan of Study

First Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
ENGL 101	3.0 CIVC 101	1.0 ENGL 103	3.0 VACATION	
GST 101	3.0 ENGL 102	3.0 Free electives	6.0	
PBHL 101	3.0 PSY 101	3.0 GST course	3.0	
UNIV PH10	1.0 SOC 101	3.0 Language course	4.0	
Language course	4.0 Language course	4.0		
Math course	4.0 Math course	4.0		
	<b>18</b>	<b>18</b>	<b>16</b>	<b>0</b>
Second Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
PBHL 303	3.0 PBHL 301	3.0 COM 230	3.0 COOP 101*	1.0
PBHL 304	3.0 PBHL 302	3.0 PBHL 314	3.0 Free electives	6.0
GST course	3.0 Language course	4.0 Free elective	3.0 Language course	3.0
Language course	4.0 Public health elective	3.0 Language course	4.0 Public health elective	3.0
Science course	4.0 Science course	4.0 Public health elective	3.0	
	<b>17</b>	<b>17</b>	<b>16</b>	<b>13</b>
Third Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
ECON 240	4.0 COM 320	3.0 COOP EXPERIENCE	COOP EXPERIENCE	
PBHL 308	3.0 GST courses	6.0		
GST course	3.0 Public health elective	3.0		
Language course	3.0			
	<b>13</b>	<b>12</b>	<b>0</b>	<b>0</b>
Fourth Year				
Fall	Credits Winter	Credits Spring	Credits	
PBHL 497	2.0 PBHL 498	3.0 PBHL 499	3.0	
Free electives	8.0 Free electives	8.0 Free electives	7.0	
GST course	3.0 GST course	3.0 GST course	3.0	
	<b>13</b>	<b>14</b>	<b>13</b>	

Total Credits 180

\* COOP 101 registration is determined by the co-op cycle assigned and may be scheduled in a different term. Select students may be eligible to take COOP 001 in place of COOP 101.

## Public Health

Major: Public Health

Degree Awarded: Bachelor of Science (BS)

Calendar Type: Quarter

Total Credit Hours: 181.0

Co-op Options: One Co-op (Four years)

Classification of Instructional Programs (CIP) code: 51.2201

Standard Occupational Classification (SOC) code: 11-9111

## About the Program

Public health is the science of protecting and improving the health and well-being of communities. Where some healthcare professionals focus on treating individuals after they become sick or are injured, public health professionals are concerned with the health of entire populations, attempting to prevent problems from occurring or recurring through education, policy development, advocacy, service, and research.

Reflecting the interdisciplinary approach of the Dornsife School of Public Health (<https://drexel.edu/dornsife/>), students in the major will take courses originating from the various public health core disciplines which include epidemiology, community health and prevention, environmental and occupational health, and health management and policy. The diversity in course offerings provides the students with the general foundations of each discipline within public health. Student learning is enhanced by faculty expertise from a wide array of backgrounds including epidemiology, community health, global health, sociology, psychology, medicine, health policy, health economics, industrial hygiene, and anthropology, in addition to many more. As the students progress through the major, they will gain more breadth and depth in the specific discipline of their choosing through the co-op experience, as well as the capstone courses in their senior year.

The Dornsife School of Public Health is dedicated to the integration of social justice and human rights in academic public health and being a model for interdisciplinary collaboration and civic engagement. Additionally, a commitment to global engagement is core to the School's mission. The Global Public Health Initiative was created to provide opportunities for all public health student to gain rich and meaningful experiences working on health issues that transcend national boundaries or that may be influenced by circumstances or experiences in other countries.

Upon completion of the degree, students will be better equipped to complete graduate education in public health or health sciences. Students will have acquired skills that could be translated into the workplace (city, state, or local government, nonprofit, etc.) or other post-baccalaureate educational settings such as an MPH, JD or MD.

## Additional Information

For more information about this program, please contact:

DSPH Academic Advising Team

Office of Education

[dsphadvising@drexel.edu](mailto:dsphadvising@drexel.edu)

Additional information can be found on the Dornsife School of Public Health website including how to apply. (<https://drexel.edu/dornsife/admissions/overview/>)

## Degree Requirements

### General Education Requirements

CIVC 101	Introduction to Civic Engagement	1.0
COM 230	Techniques of Speaking	3.0
COM 320 [WI]	Science Writing	3.0
COOP 101	Career Management and Professional Development	1.0
ENGL 101 or ENGL 111	Composition and Rhetoric I: Inquiry and Exploratory Research English Composition I	3.0



ENGL 102	Composition and Rhetoric II: Advanced Research and Evidence-Based Writing	3.0
or ENGL 112	English Composition II	
ENGL 103	Composition and Rhetoric III: Themes and Genres	3.0
or ENGL 113	English Composition III	
PBHL 101	Public Health 101	3.0
UNIV PH101	The Drexel Experience	1.0
Students must select one of the following math sequences:		12.0
MATH 101	Introduction to Analysis I	
& MATH 102	and Introduction to Analysis II	
& MATH 239	and Mathematics for the Life Sciences	
Or		
MATH 121	Calculus I	
& MATH 122	and Calculus II	
& MATH 123	and Calculus III	
<b>Physical and Life Sciences Requirements *</b>		<b>16.0</b>
Students must select one of the following biology sequences:		
BIO 107	Cells, Genetics & Physiology	
& BIO 108	and Cells, Genetics and Physiology Laboratory	
& BIO 109	and Biological Diversity, Ecology & Evolution	
& BIO 110	and Biological Diversity, Ecology and Evolution Laboratory	
Or		
BIO 131	Cells and Biomolecules	
& BIO 134	and Cells and Biomolecules Lab	
& BIO 132	and Genetics and Evolution	
& BIO 135	and Genetics and Evolution Lab	
& BIO 133	and Physiology and Ecology	
& BIO 136	and Anatomy and Ecology Lab	
Students must select one of the following chemistry sequences:		
CHEM 111	General Chemistry I	
& CHEM 112	and General Chemistry II	
Or		
CHEM 101	General Chemistry I	
& CHEM 102	and General Chemistry II	
<b>Social Science Requirements</b>		
PSY 101	General Psychology I	3.0
SOC 101	Introduction to Sociology	3.0
<b>Social Science Electives:</b>		<b>37.0</b>
ANTH 240	Urban Anthropology	
ANTH 250	Anthropology of Immigration	
ANTH 370	Ethnographic Methods	
ECON 201	Principles of Microeconomics	
ECON 202	Principles of Macroeconomics	
ECON 240	Economics of Health Care Systems	
ENSS 244	Sociology of the Environment	
ENVE 455	Geographic Information Systems	
ENVS 341	Equatorial Guinea: Society & Environment	
HIST 222	History of Work & Workers in America	
HRMT 323	Principles of Human Resource Administration	
HSAD 210	Health-Care Ethics I	
MIS 200	Management Information Systems	
ORGB 300	Organizational Behavior	
[WI]		
PBHL 305	Women and Children: Health & Society	
PBHL 307	Injury Prevention and Control	
PBHL 310	Burden of Disease	
PBHL 316	Drugs, Society, and Public Health	
PBHL 318	Violence and Trauma in Public Health	
PBHL 333	Health Inequality	
PHIL 321	Biomedical Ethics	
PSCI 353	International Human Rights	
PSY 120	Developmental Psychology	
PSY 240 [WI]	Abnormal Psychology	
PSY 250 [WI]	Industrial Psychology	
PSY 368	Psychology - Inequity & Injustice	

SOC 115	Social Problems	
SOC 210	Race, Ethnicity and Social Inequality	
SOC 235	Sociology of Health and Illness	
WGST 275	Women's Health and Human Rights	
<b>Public Health Core Course Requirements</b>		
PBHL 301	Epidemiology in Public Health	3.0
PBHL 302	Introduction to the History of Public Health	3.0
PBHL 303	Overview of Issues in Global Health	3.0
PBHL 304	Introduction to Health & Human Rights	3.0
PBHL 308	The U.S. Public Health System	3.0
PBHL 314	Environmental and Occupational Health	3.0
<b>Interdisciplinary Public Health Requirements</b>		
Select 1 course from each PH Department - CHP, EOH, EPI, and HMP		12.0
Select 12 additional PH course credits		12.0
<b>Public Health Capstone Experience</b>		
PBHL 497	Capstone Experience I	2.0
PBHL 498	Capstone Experience II	3.0
PBHL 499	Capstone Experience III	3.0
<b>Free Electives</b>		<b>39.0</b>
<b>Total Credits</b>		<b>181.0</b>

\* Please note that students who take the BIO 131 & BIO 134, BIO 132 & BIO 135, and BIO 133 & BIO 136 sequence will be required to take fewer free electives.

## Writing-Intensive Course Requirements

In order to graduate, all students must pass three writing-intensive courses after their freshman year. Two writing-intensive courses must be in a student's major. The third can be in any discipline. Students are advised to take one writing-intensive class each year, beginning with the sophomore year, and to avoid "clustering" these courses near the end of their matriculation. Transfer students need to meet with an academic advisor to review the number of writing-intensive courses required to graduate.

A "WI" next to a course in this catalog may indicate that this course can fulfill a writing-intensive requirement. For the most up-to-date list of writing-intensive courses being offered, students should check the Writing Intensive Course List (<http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/writing-intensive-courses/>) at the University Writing Program (<http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/>). (<http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/drexel-writing-center/>) Students scheduling their courses can also conduct a search for courses with the attribute "WI" to bring up a list of all writing-intensive courses available that term.

## Sample Plan of Study

4 year, 1 co-op

First Year				
Fall	Credits	Winter	Credits	Spring
BIO 107	3.0	BIO 109	3.0	ENGL 103 or 113
BIO 108	1.0	BIO 110	1.0	MATH 239 or 123
ENGL 101	3.0	CIVC 101	1.0	SOC 101
MATH 101	4.0	ENGL 102 or 112	3.0	Free electives
PBHL 101	3.0	MATH 102 or 122	4.0	

UNIV PH10	1.0 PSY 101	3.0		
	<b>15</b>	<b>15</b>	<b>16</b>	<b>0</b>

**Second Year**

Fall	Credits Winter	Credits Spring	Credits Summer	Credits
CHEM 111	4.0 CHEM 112	4.0 COM 230	3.0 COOP 101*	1.0
PBHL 303	3.0 PBHL 301	3.0 PBHL 304	3.0 Free elective	3.0
Interdisciplinary Public Health requirement	3.0 PBHL 302	3.0 PBHL 314	3.0 Social Science electives	7.0
Social Science electives	6.0 Interdisciplinary Public Health requirements	6.0 Free electives	6.0 Interdisciplinary Public Health requirements	6.0
	<b>16</b>	<b>16</b>	<b>15</b>	<b>17</b>

**Third Year**

Fall	Credits Winter	Credits Spring	Credits Summer	Credits
PBHL 308	3.0 COM 230	3.0 COOP EXPERIENCE	COOP EXPERIENCE	
Free elective	3.0 Interdisciplinary Public Health requirement	3.0		
Interdisciplinary Public Health requirement	3.0 Social Science electives	6.0		
Social Science electives	6.0			
	<b>15</b>	<b>12</b>	<b>0</b>	<b>0</b>

**Fourth Year**

Fall	Credits Winter	Credits Spring	Credits
PBHL 497	2.0 PBHL 498	3.0 PBHL 499	3.0
Social Science electives	6.0 Social Science electives	6.0 Interdisciplinary Public Health requirement	3.0
Free electives	6.0 Free electives	6.0 Free electives	9.0
	<b>14</b>	<b>15</b>	<b>15</b>

**Total Credits 181**

\* COOP 101 registration is determined by the co-op cycle assigned and may be scheduled in a different term. Select students may be eligible to take COOP 001 in place of COOP 101.

## Accelerated Public Health BS/MPH

Major: Public Health

Degree Awarded: Bachelor of Science (BS) and Master of Public Health (MPH)

Calendar Type: Quarter

Total Credit Hours: 237

Co-op Options: One Co-op (Five years)

Classification of Instructional Programs (CIP) code: 51.2201

Standard Occupational Classification (SOC) code: 11-9111; 21-1091, 21-1094, 25-1071

## About the Program

The Dornsife School of Public Health offers an accelerated dual degree option with its undergraduate Public Health and Master of Public Health

degrees. Participants can earn both a BS degree in Public Health and a Master of Public Health (MPH) degree in five years.

In this accelerated dual degree program, students participate in the undergraduate program for four full years (including one co-operative experience). After two years of undergraduate study, students begin their graduate studies in the Master of Public Health program. The third and fourth years are a mix of undergraduate and graduate courses. After the successful completion of their fourth year, students receive their BS. When students successfully complete the remainder of their graduate studies (typically one additional year/ three graduate quarters), they will receive the MPH degree.

Students admitted to the accelerated dual degree program apply to the graduate Master of Public Health program during their junior year. Those admitted students must verify their intent to continue in the program with their advisor by the end of the spring term of year two.

Matriculated (continuing) students seeking admissions to the Dornsife School of Public Health BS/MPH accelerated program must verify their intent to participate in the program by the end of the spring term of year two. All students then follow the same application procedures as other applicants, including being interviewed by the graduate faculty. (Any student who does not meet the entrance requirements of the graduate program will be able to complete the fourth year of the Public Health undergraduate program and receive a BS degree.)

Students in the Master of Public Health program complete 56.0 graduate quarter credits to meet the requirements of the master's program.

## Additional Information

For more information about this program, please contact:

DSPH Academic Advising Team  
Office of Education  
dsphadvising@drexel.edu

Additional information can be found on the Dornsife School of Public Health website including how to apply. (<https://drexel.edu/dornsife/admissions/overview/>)

## Degree Requirements

### General Education Requirements

CIVC 101	Introduction to Civic Engagement	1.0
COM 230	Techniques of Speaking	3.0
COM 320 [WI]	Science Writing	3.0
COOP 101	Career Management and Professional Development	1.0
ENGL 101	Composition and Rhetoric I: Inquiry and Exploratory Research	3.0
or ENGL 111	English Composition I	
ENGL 102	Composition and Rhetoric II: Advanced Research and Evidence-Based Writing	3.0
or ENGL 112	English Composition II	
ENGL 103	Composition and Rhetoric III: Themes and Genres	3.0
or ENGL 113	English Composition III	
PBHL 101	Public Health 101	3.0
UNIV PH101	The Drexel Experience	1.0
	Students must select one of the following math sequences:	12.0
MATH 101 & MATH 102 & MATH 239	Introduction to Analysis I and Introduction to Analysis II and Mathematics for the Life Sciences	

Or

MATH 121 & MATH 122 & MATH 123	Calculus I and Calculus II and Calculus III	
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**Physical and Life Sciences Requirements \* 16.0**

BIO 107 & BIO 108 & BIO 109 & BIO 110	Cells, Genetics & Physiology and Cells, Genetics and Physiology Laboratory and Biological Diversity, Ecology & Evolution and Biological Diversity, Ecology and Evolution Laboratory	
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Or

BIO 131 & BIO 134 & BIO 132 & BIO 135 & BIO 133 & BIO 136	Cells and Biomolecules and Cells and Biomolecules Lab and Genetics and Evolution and Genetics and Evolution Lab and Physiology and Ecology and Anatomy and Ecology Lab	
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Students must select one of the following chemistry sequences:

CHEM 111 & CHEM 112	General Chemistry I and General Chemistry II	
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Or

CHEM 101 & CHEM 102	General Chemistry I and General Chemistry II	
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**Social Science Requirements**

PSY 101	General Psychology I	3.0
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SOC 101	Introduction to Sociology	3.0
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**Social Science Electives 37.0**

ANTH 240	Urban Anthropology	
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ANTH 250	Anthropology of Immigration	
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ANTH 370	Ethnographic Methods	
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ECON 201	Principles of Microeconomics	
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ECON 202	Principles of Macroeconomics	
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ECON 240	Economics of Health Care Systems	
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ENVS 341	Equatorial Guinea: Society & Environment	
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ENVE 455	Geographic Information Systems	
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ENSS 244	Sociology of the Environment	
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HIST 222	History of Work & Workers in America	
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HRMT 323	Principles of Human Resource Administration	
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HSAD 210	Health-Care Ethics I	
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MIS 200	Management Information Systems	
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ORGB 300 [WI]	Organizational Behavior	
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PBHL 305	Women and Children: Health & Society	
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PBHL 307	Injury Prevention and Control	
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PBHL 310	Burden of Disease	
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PBHL 316	Drugs, Society, and Public Health	
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PBHL 318	Violence and Trauma in Public Health	
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PBHL 333	Health Inequality	
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PHIL 321	Biomedical Ethics	
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PSCI 353	International Human Rights	
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PSY 120	Developmental Psychology	
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PSY 240 [WI]	Abnormal Psychology	
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PSY 250 [WI]	Industrial Psychology	
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PSY 368	Psychology - Inequity & Injustice	
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SOC 115	Social Problems	
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SOC 210	Race, Ethnicity and Social Inequality	
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SOC 235	Sociology of Health and Illness	
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WGST 275	Women's Health and Human Rights	
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**Public Health Core Course Requirements**

PBHL 301	Epidemiology in Public Health	3.0
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PBHL 302	Introduction to the History of Public Health	3.0
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PBHL 303	Overview of Issues in Global Health	3.0
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PBHL 304	Introduction to Health & Human Rights	3.0
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PBHL 308	The U.S. Public Health System	3.0
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PBHL 314	Environmental and Occupational Health	3.0
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**Interdisciplinary Public Health Requirements**

Select one course from each PH Department - CHP, EOH, EPI, HMP 12.0

Select 12 course credits from any other PH Courses 12.0

**Public Health Capstone Experience**

PBHL 497	Capstone Experience I	2.0
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PBHL 498	Capstone Experience II	3.0
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PBHL 499	Capstone Experience III	3.0
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Free Electives 39.0-42.0

**MPH Core Requirements**

BST 571	Introduction to Biostatistics	3.0
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EPI 570	Introduction to Epidemiology	3.0
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HMP 505	Qualitative Data and Mixed Methods Analysis	2.0
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PBHL 500	Practical Experience for the Master of Public Health	0.0
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PBHL 510	Public Health Foundations and Systems I	4.0
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PBHL 511	Public Health Foundations and Systems II	4.0
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MPH Discipline Specific Foundation Courses 16.0

MPH Integrative Learning Experience \*\* 6.0

MPH Electives/Graduate Minor Courses 18.0

**Total Credits 237.0-240.0**

\* Please note that students who take the BIO 131 & BIO 134, BIO 132 & BIO 135, and BIO 133 & BIO 136 sequence will be required to take fewer free electives

\*\* Integrated Learning Experience courses depend on the MPH major. Community Health & Prevention: CHP 750 and CHP 751; Environmental & Occupational Health: EOH 750 and EOH 751; Epidemiology: EPI 750 and EPI 751; Health Management & Policy: HMP 750 and HMP 751.

**Sample Plan of Study**

**First Year**

Fall	Credits Winter	Credits Spring	Credits Summer	Credits
BIO 107	3.0 BIO 109	3.0 ENGL 103 or 113	3.0 VACATION	
BIO 108	1.0 BIO 110	1.0 MATH 239	4.0	
ENGL 101 or 111	3.0 CIVC 101	1.0 SOC 101	3.0	
MATH 101 or 121	4.0 ENGL 102 or 112	3.0 (UG) Free electives	6.0	
PBHL 101	3.0 MATH 102 or 122	4.0		
UNIV PH10	1.0 PSY 101	3.0		
	<b>15</b>	<b>15</b>	<b>16</b>	<b>0</b>

**Second Year**

Fall	Credits Winter	Credits Spring	Credits Summer	Credits
CHEM 111	4.0 CHEM 112	4.0 COM 230	3.0 COOP 101	1.0
PBHL 303	3.0 PBHL 301	3.0 PBHL 314	3.0 (UG) Social Science electives	6.0
PBHL 304	3.0 PBHL 302	3.0 (UG) Interdisciplinary Public Health Requirements	6.0 (UG) Interdisciplinary Public Health Requirements	6.0
(UG) Social Science electives	3.0 (UG) Interdisciplinary Public Health Requirement	3.0 (UG) Social Science elective	3.0 (UG) Free elective	3.0
(UG) Free elective	6.0 (UG) Free elective	3.0 (UG) Free elective	3.0	
	<b>19</b>	<b>16</b>	<b>18</b>	<b>16</b>

Third Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
EPI 570	3.0 BST 571	3.0 HMP 505	2.0 COOP EXPERIENCE	
PBHL 308	3.0 COM 320	3.0 COOP EXPERIENCE		
(UG) Social Science electives	6.0 (UG) Social Science electives	6.0		
(UG) Interdisciplinary Public Health Requirement	3.0 (UG) Interdisciplinary Public Health Requirement	3.0		
(UG) Free elective	3.0 (UG) Free elective	3.0		
	<b>18</b>	<b>18</b>	<b>2</b>	<b>0</b>
Fourth Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
PBHL 497	2.0 PBHL 498	3.0 PBHL 499	3.0 BS Degree Awarded	
(UG) Social Science elective	7.0 (UG) Social Science electives	6.0 (UG) Interdisciplinary Public Health Requirement	3.0 Student classified as Graduate Student	
(UG) Free elective	3.0 (UG) Free elective	3.0 (UG) Free electives	6.0	
PBHL 510	4.0 PBHL 511	4.0 PBHL 500	0.0	
		(GR) MPH Elective/ Graduate Minor Course	3.0	
		(GR) Discipline Specific MPH Course	4.0	
	<b>16</b>	<b>16</b>	<b>19</b>	<b>0</b>
Fifth Year				
Fall	Credits Winter	Credits Spring	Credits	
CHP 750, EOH 750, EPI 750, or HMP 750	3.0 CHP 751, EOH 751, EPI 751, or HMP 751	3.0 (GR) MPH Elective/ Graduate Minor Course	3.0	
(GR) Integrative Learning Experience I	(GR) Learning Experience II	(GR) Discipline Specific Courses	6.0	
(GR) Discipline Specific MPH course	3.0 (GR) Discipline Specific MPH course	3.0		
(GR) MPH Elective/ Graduate Minor Courses	6.0 (GR) MPH Elective/ Graduate Minor Course	6.0		
	<b>12</b>	<b>12</b>	<b>9</b>	
<b>Total Credits 237</b>				

## Minor in Environmental Public Health

### About the Minor

The Minor in Environmental Public Health is designed for students majoring in public health or related fields who want to deepen their understanding of complex environmental and occupational issues from a population health perspective. Courses examine key global environmental and occupational health topics such as urban health, green space, safe drinking water, injury prevention, worker safety, climate change, and risk communication. Upon completion of the minor, students will have a strong grasp on environmental public health challenges facing society and will be prepared for a career in the field or for advanced study.

### Admission Requirements

- Undergraduate students with at least 30 credits
- Undergraduate students in good academic standing
- PBHL 101 is a pre-requisite for this minor.

### Requirements

#### Required Courses \*

PBHL 307	Injury Prevention and Control	3.0
PBHL 314	Environmental and Occupational Health	3.0
PBHL 317	The World's Water	3.0
PBHL 350	Introduction to Urban Health	3.0

#### Elective Choices \*\*

Choose 4 classes from the following courses:

PBHL 301	Epidemiology in Public Health	
PBHL 302	Introduction to the History of Public Health	
PBHL 303	Overview of Issues in Global Health	
PBHL 309	Public Health Ethics	
PBHL 311	Public Health Biology	
PBHL 312	Public Health Data Analysis	
PBHL 313	The Social Determinants of Health and Well-Being	
PBHL 319	Nature Prescription: Trees, Green Space, and Your Health	
PBHL 321	Disease Outbreak Investigations	
PBHL 332	Autism as a Public Health Challenge	
PBHL 333	Health Inequality	

**Total Credits 24.0**

\* PBHL 101 is a prerequisite for this minor.

\*\* Additional classes can count towards the elective requirement with program approval.

### Additional Information

For more information about this program, please contact:

DSPH Academic Advising Team  
Office of Education  
dsphadvising@drexel.edu

Additional information can be found on the Dornsife School of Public Health (<https://drexel.edu/dornsife/>) website.

## Minor in Epidemiology

### About the Minor

The Epidemiology Minor provides undergraduates foundational knowledge of epidemiology. Students develop basic skills in epidemiology and biostatistics and are then able to apply those skills to specific topic-based courses, such as Burden of Disease, Disease Outbreak and Public Health Biology. This is an attractive minor for students who are majoring in any of the pre-health tracks or other science-related majors.

### Admission Requirements

- Undergraduate students with at least 30 credits
- Undergraduate students in good academic standing

### Program Requirements

#### Required Courses

PBHL 101	Public Health 101	3.0
PBHL 301	Epidemiology in Public Health	3.0
PBHL 310	Burden of Disease	3.0
PBHL 311	Public Health Biology	3.0
PBHL 312	Public Health Data Analysis	3.0
PBHL 321	Disease Outbreak Investigations	3.0

**Elective Courses\*** 6.0

Students are required to complete two additional PBHL courses.

**Total Credits** 24.0

\* Students should select electives in consultation with their academic advisor.

### Additional Information

For more information about this program, please contact:

DSPH Academic Advising Team  
Office of Education  
dsphadvising@drexel.edu

Additional information can be found on the Dornsife School of Public Health (<https://drexel.edu/dornsife/>) website.

## Minor in Global Public Health

### About the Minor

The Global Public Health minor is intended to complement any academic major offered at Drexel and to provide students with basic knowledge about global public health, as well as the necessary skills and experience to begin to build their own unique global public health career.

The minor is opened to all undergraduate students in all schools and colleges, and is designed around three specific educational objectives for students: to learn more about the problems of global public health in a classroom setting, to experience the issues in global health firsthand in a field setting, and to be exposed to the variety of careers available in global public health by working with faculty, professional staff, and graduate students who are currently engaged in the field.

### Requirements for admission

- Undergraduate students with at least 30 credits
- Undergraduate students in good academic standing

Please note: PBHL 101 is a prerequisite for all required PBHL courses in this minor.

It is strongly suggested that students in this minor participate in a field experience which can include an elective course or co-op.

#### Required courses:

PBHL 301	Epidemiology in Public Health	3.0
PBHL 303	Overview of Issues in Global Health	3.0
PBHL 304	Introduction to Health & Human Rights	3.0
PBHL 317	The World's Water	3.0

Elective Courses: take 12 credits of the following: 12.0

COM 390 [WI]	Global Journalism	
ECON 342	Economic Development	
PBHL 320	Exploring the HIV/AIDS Pandemic	
PBHL 321	Disease Outbreak Investigations	
PHIL 335	Global Ethical Issues	
WGST 225	Women & Human Rights Worldwide	
WGST 240	Women and Society in a Global Context	

**Total Credits** 24.0

### Writing-Intensive Course Requirements

In order to graduate, all students must pass three writing-intensive courses after their freshman year. Two writing-intensive courses must be in a student's major. The third can be in any discipline. Students are advised to take one writing-intensive class each year, beginning with the sophomore year, and to avoid "clustering" these courses near the end of their matriculation. Transfer students need to meet with an academic advisor to review the number of writing-intensive courses required to graduate.

A "WI" next to a course in this catalog may indicate that this course can fulfill a writing-intensive requirement. For the most up-to-date list of writing-intensive courses being offered, students should check the Writing Intensive Course List (<http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/writing-intensive-courses/>) at the University Writing Program (<http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/>). (<http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/drexel-writing-center/>) Students scheduling their courses can also conduct a search for courses with the attribute "WI" to bring up a list of all writing-intensive courses available that term.

### Additional Information

For more information about this program, please contact:

DSPH Academic Advising Team  
Office of Education  
dsphadvising@drexel.edu

Additional information can be found on the Dornsife School of Public Health (<http://www.drexel.edu/dornsife/>) website.

## Minor in Health and Social Justice

### About the Minor

The Health and Social Justice Minor is a collaborative minor between Community Health and Prevention and Health Management and Policy within Dornsife. Students interested in the minor examine how social justice and human rights are impacted by the social determinants of

health and vice versa. Students also gain an understanding of biases and inequality within healthcare systems and how it ultimately impacts the population.

## Admission Requirements

Requirements for admission

- Undergraduate students with at least 30 credits
- Undergraduate students in good academic standing
- PBHL 101 is a pre-requisite for this minor.

## Program Requirements

### Required Courses

PBHL 306	Introduction to Community Health	3.0
PBHL 308	The U.S. Public Health System	3.0
PBHL 309	Public Health Ethics	3.0
PBHL 313	The Social Determinants of Health and Well-Being	3.0
PBHL 315	Public Health Leadership	3.0
PBHL 333	Health Inequality	3.0

**Elective Choices\*\*** 6.0

Students are required to complete two additional PBHL courses.

**Total Credits** 24.0

\* PBHL 101 is a prerequisite for this minor.

\*\* Students should select electives in consultation with their academic advisor.

## Additional Information

For more information about this program, please contact:

DSPH Academic Advising Team  
Office of Education  
dsphadvising@drexel.edu

Additional information can be found on the Dornsife School of Public Health (<http://www.drexel.edu/dornsife/>) website.

## Minor in Public Health

### About the Minor

The Dornsife School of Public Health trains new leaders to tackle society's current and future health challenges. The Public Health minor is designed to provide students with a broad overview of the field's diversity. Reflecting the interdisciplinary approach of the School, students are required to take courses originating from various public health core disciplines, which include epidemiology; community health and prevention; environmental and occupational health; and health management and policy.

This minor will be a relevant course of study for students pursuing pre-med, pre-law, biology, and business curricula, as well as students interested in population-based applications of psychology, sociology, and communications theory. Completion of the minor will provide students with an exposure to the breadth and depth of topics within public health and population-level challenges and solutions, as well as possible career options.

## Admission Requirements

- Undergraduate students with at least 30 credits
- Undergraduate students in good academic standing

## Requirements

Please note: PBHL 101 is a prerequisite for all required PBHL courses in this minor.

### Required Courses

PBHL 301	Epidemiology in Public Health	3.0
PBHL 302	Introduction to the History of Public Health	3.0
PBHL 303	Overview of Issues in Global Health	3.0
PBHL 304	Introduction to Health & Human Rights	3.0

### Elective Choices

Complete 12 credits from the following courses: 12.0

BIO 318	Biology of Cancer	
ECON 240	Economics of Health Care Systems	
HSAD 210	Health-Care Ethics I	
PBHL 305	Women and Children: Health & Society	
PBHL 306	Introduction to Community Health	
PBHL 307	Injury Prevention and Control	
PBHL 308	The U.S. Public Health System	
PBHL 309	Public Health Ethics	
PBHL 310	Burden of Disease	
PBHL 311	Public Health Biology	
PBHL 312	Public Health Data Analysis	
PBHL 313	The Social Determinants of Health and Well-Being	
PBHL 314	Environmental and Occupational Health	
PBHL 315	Public Health Leadership	
PBHL 316	Drugs, Society, and Public Health	
PBHL 317	The World's Water	
PBHL 318	Violence and Trauma in Public Health	
PBHL 333	Health Inequality	
PHIL 321	Biomedical Ethics	
PSCI 353	International Human Rights	
PSY 355	Health Psychology	
PSY 368	Psychology - Inequity & Injustice	
SOC 210	Race, Ethnicity and Social Inequality	
SOC 220	Wealth and Power	
SOC 235	Sociology of Health and Illness	
WGST 275	Women's Health and Human Rights	

**Total Credits** 24.0

## Additional Information

For more information about this program, please contact:

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dsphadvising@drexel.edu

Additional information can be found on the Dornsife School of Public Health (<http://www.drexel.edu/dornsife/>) website.

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