Department of
ENVIRONMENTAL
HEALTH

MASTER OF SCIENCE DEGREE

HARVARD T.H. CHAN
SCHOOL OF PUBLIC HEALTH

CURRICULUM GUIDE 2022-23

Every effort is made to ensure the information contained in this guide is accurate at the time of printing and posting. However, the curriculum, including degree requirements, courses, faculty, and program policies are subject to modification as deemed necessary by the Harvard T.H. Chan School of Public Health to provide students with the most meaningful educational experience and to remain current with professional standards and guidelines.

Contents

About the Master of Science 80 Credit (SM2) Degree in Environmental Health 4
Introduction 4
General Information 4
Required Courses for the Department of Environmental Health Master of Science Degree Program 5
Forms 6
Requests to Waive School-wide and/or Department Required Courses 6
Waiving Department of Environmental Health Required Courses 6
Course Waivers Procedures for Epi 201, 202, and/or BST 201 7
Statistical Methods/Analyses Requirements – Master of Science Thesis 7
Master of Science (80 credits) SM2: Areas of Interest – Curricular Requirements 7
SM2 80 in Environmental Health Epidemiology 14
SM2 80 in Environmental Health Exposures 18
SM2 80 in Environmental Health Occupational Health 22
SM2 80 in Environmental Health Risk Sciences 26
Graduation and Offboarding 29
Electives 38

About the Master of Science 80 Credit (SM2) Degree in Environmental Health

Introduction

The Harvard Chan School Master of Science program will prepare you to make an impact in the laboratory, field, or the policy arena. Indeed, Harvard Chan Master of Science graduates play leading roles in top academic and research institutions, pharmaceutical and biotechnology companies, health care organizations, national and international government agencies, nongovernmental organizations, and other public and private sector enterprises. During their time at the Chan School, Master of Science students learn to address critical scientific and health challenges that affect the lives of individuals and entire populations. They build expertise in an area of specialization while gaining the perspective of multiple public health disciplines. You will learn a powerful set of analytical, technical, and quantitative skills that can be applied flexibly in a wide range of career paths. As a Harvard Chan School Master of Science student, you will learn to contribute to the scientific understanding of public health through original laboratory and/or field research, to critically evaluate scientific literature, and to apply scientific knowledge in real-world settings.

General Information

Areas of Interest

These are the Areas of Interest listed in the SOPHAS application.

- ***Environmental Health Environmental Justice*** focuses on the disparities in environmental exposure and associated health outcomes, considering macro- and micro-level factors that impact communities and strategies for solution-oriented approaches, including discussion of research translation, implementation science, environmental health literacy, and other key topic areas. Theoretical frameworks, analytic approaches, and practical applications will be addressed in the context of sociohistorical processes, stakeholders, and agency that can be learned from and engaged with to improve environmental health inequities.

- ***Environmental Health Epidemiology*** focuses on identifying and measuring the influence of physical, chemical, and biological environmental factors on human disease in communities to provide scientific evidence for sound environmental and health policies.

- ***Environmental Health Exposures*** emphasizes the chemical, physical, microbiological, and engineering aspects of environmental and occupational exposures and the identification and characterization of human and ecological exposures to environmental contaminants, and in modeling their fate and transport, to develop strategies to control environmental hazards, allergens, and pathogens.

- ***Environmental Health Occupational Health*** focuses on workplace and environmental hazards, the physiological and biomechanical aspects of work, the risks posed by the interaction of genetic and environmental factors, and a practical approach to solving health problems in various work and community settings. This program is designed for physicians and other professionals who intend to practice occupational medicine or to hold responsible positions in occupational policy and management.

- ***Environmental Health Risk Sciences*** focuses on integrated education in risk and decision science in the context of environmental health - including exposure assessment, epidemiology and toxicology - built on the principles of decision analysis and intended to support and advance decision making under uncertainty.

Registration

All full-time students are expected to register for ***20 credits per semester***: Fall and Spring. Part-time students may register for up to 14.75 credits each semester. Semesters are comprised of:

Fall

- Full Fall
- Fall 1
- Fall 2

Spring

- Winter/January Session
- Full Spring
- Spring 1
- Spring 2

Required Courses for the Department of Environmental Health Master of Science Degree Program

EH required courses can include, but are not limited to, those listed below – consult your specific Area of Interest below for all course requirements:

- *ID 100 Foundations for Public Health*
- *EH 205 Human Physiology*
- *EH 263 Analytical Methods and Exposure Assessment*
- *EH 504 Principles of Toxicology*
- *EH 508 Master's Thesis and Collaborative Research in Environmental Health*
- *EH 510 Fundamentals of Human Environmental Exposure Assessment*
- *RDS 500 Risk Assessment*
- *EPI 201 Introduction to Epidemiology: Methods I (and required lab)*
- *EPI 202 Epidemiologic Methods 2: Elements of Epidemiologic Research (and required lab)*
- *At least 10 credits of Biostatistics coursework – consult with your advisor [BST 201 Introduction to Statistical Methods (and required lab) can count as 5 of those credits]*

Forms

Students may locate all required forms in the Master of Science Student Tool Kit. Students should speak with their advisor, Barbara Zuckerman (bzuckerm@hsph.harvard.edu), Rose West (rwest@hsph.harvard.edu) and/or Shaun Heller (shaunheller@hsph.harvard.edu) before completing any forms. Submit completed forms via email to Barbara Zuckerman and cc your advisor and any other faculty whose signature is required. In that email ask your advisor and other faculty to email Barbara with permission to sign the form on their behalf.

Requests to Waive School-wide and/or Department Required Courses

Waiving a required course **does not** transfer any credits. If you waive a required course, it means you do not have to retake that course to fulfill your degree requirements.

Waiving Department of Environmental Health Required Courses

EH required courses can include, but are not limited to, those listed below:

- *EH 205 Human Physiology*
- *EH 504 Principles of Toxicology*
- *EH 510 Fundamentals of Human Environmental Exposure Assessment*
- *RDS 500 Risk Assessment*

To waive these courses, complete the *Department of Environmental Health Waiver Form* (available from Barbara Zuckerman).

Include with the form:

- A copy of the syllabus of the course(s) you took that you believe fulfill this requirement and has covered the course content of the department course.
- An unofficial copy of your transcript indicating the grade you received in this course.

Email the completed waiver form and related documentation to your advisor and Barbara Zuckerman (bzuckerm@hsph.harvard.edu). Ask your advisor to email Barbara with permission to sign the form on their behalf. Barbara will contact the instructor who will evaluate your request and she will let you know the waiver request decision.

Waiving Biostatistics and/or Epidemiology Core Course Requirement

Course Waivers Procedures for Epi 201, 202, and/or BST 201

- *EPI 201 Introduction to Epidemiology: Methods I (and required lab)*
- *EPI 202 Epidemiologic Methods 2: Elements of Epidemiologic Research (and required lab)*
- *BST 201 Introduction to Statistical Methods (and required lab)*

Students who have previously completed a graduate-level Biostatistics and/or Epidemiologic Methods course can submit the required documents listed below to request a waiver using this link.

Contact Jelena Tillotson-Follweiler (for BST 201) or Eric DiGiovanni (for Epi 201 and 202) with any comments/questions/concerns. ***Please note this form is ONLY for the School-Wide Core Course Requirement for DrPH, MPH, and Master of Science students; PhD students with different documentation should contact their program administrator. Waiving of departmental/program requirements is done directly with the individual department/program.***

Statistical Methods/Analyses Requirements – Master of Science Thesis

Statistical methods are a key part of the Master of Science thesis requirement and should.

1. Have to be analyses that can be done within one year
2. Original work on their part
3. Must have an environmental component
4. Can be working as a member of a team – need to be specific about their participation in the team
5. Primary responsibilities for writing the thesis is the student

Master of Science (80 credits) SM2: Areas of Interest – Curricular Requirements

- Environmental Health Environmental Justice
- Environmental Health Epidemiology
- Environmental Health Exposures
- Environmental Health Occupational Health
- Environmental Health Risk Sciences

Year 1 Fall - Environmental Health Environmental Justice								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Summer / Fall 1	**ID 100**	Foundations for Public Health	1					
Fall	**BST 201*** <u>*or*</u> **BST 210** <u>*or*</u> **BST 213**	Introduction to Statistical Methods <u>*or*</u> Applied Regression Analysis <u>*or*</u> Applied Regression for Clinical Research	5	TuTh <u>*or*</u> TuTh <u>*or*</u> MW	3:45-5:15 <u>*or*</u> 11:30-1:00 <u>*or*</u> 8:00-9:30			BST 201 Additional Lab Required BST 210 Additional Lab Required. BST 210 also offered in the Spring
Fall 1	**EPI 201***	Introduction to Epidemiology: Methods I	2.5	TuTh	9:45-11:15 <u>*or*</u> 11:30-1:00			Additional Lab Required
Fall 2	**EPI 202***	Epidemiologic Methods 2: Elements of Epidemiologic Research	2.5	TuTh	9:45-11:15 <u>*or*</u> 11:30-1:00			Additional Lab Required
Fall 2	**SBS 207**	Race, Ethnicity and Health: Perspectives from the Social and Behavioral Sciences	2.5	T	3:45-6:45			May be taken in Year 1 or Year 2
Fall	**EH 205****	Human Physiology	5	MW	9:45-11:15			
Fall 2	**EH 510****	Fundamentals of Human Environmental Exposure Assessment	2.5	TuTh	2:00-3:30			
Fall 1	**RDS 500****	Risk Assessment	2.5	TuTh	2:00-3:30 1:00-3:30			
		Total Required Credits	**21.0 - 23.5**					
Electives courses chosen in consultation with your advisor.								
		<u>Total Elective Credits</u>						
		Total Semester Credits						
*To waive these courses see "Waiving Biology and/or Epidemiology Core Course Requirements" above; **To waive these courses see "Waiving Department of Environmental Health Required Courses" above								

Year 1 Spring - Environmental Health Environmental Justice								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Spring	**EH 257** *or* **EH 297**	Water Pollution *or* Atmospheric Environment	5 5	TuTh *or* WF	9:45-11:15 11:30-1:00			Can be taken in Year 1 or Year 2
Spring 1	**EH 525**	Environmental Justice: Concepts and Practice	2.5	M	9:45-1:00			
Spring	**ID 215**	Environmental and Occupational Epidemiology	2.5	W	2:00-3:30			
An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.*								
Over the course of your studies, students should take 5 credits of coursework from the options below – consult with your advisor								
Spring 1	**SBS 522**	Multi-Level Theoretical Approaches to Population Health and Health-Related Behavior Change	2.5	M/W	2:00-3:30			Conflicts with ID215 in Spring 1st year; no conflicts 2nd year
January	**EPI 542**	Causal Mediation and Interaction	1.25	TBA	TBA			
Spring	**SBS 288**	Qualitative Research Methods in Public Health	2.5	F	9:45 – 12:45			Conflict in Year 1 with Atmospheric Environment
		Total Required Credits						
Also due in Spring of Year 1 - Thesis Topic Identification: Choose a mentor and identify a topic.								
Electives courses chosen in consultation with your advisor.								
		Total Elective Credits						
		Total Semester Credits						

Year 2 Fall - Environmental Health Environmental Justice								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Fall	**EH 263**	Analytical Methods and Exposure Assessment	5	TuTh	3:45-5:15			
Fall	**EH 504**	Principles of Toxicology	5	MW	9:45-11:15			Section 2
Fall 2	**SBS 207**	Race, Ethnicity and Health: Perspectives from the Social and Behavioral Sciences	2.5	T	3:45-6:45			May be taken in Year 1 or Year 2
		Total Required Credits						
Also due in Fall of Year 2 - Thesis Proposal: Complete and submit Thesis Proposal Form *An additional approved 5.0 credits of intermediate biostatistics course(s).* *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.*								
Over the course of your studies, students should take 5 credits worth of coursework from the options below (consult with your advisor)								
Spring 1	**SBS 522**	Multi-Level Theoretical Approaches to Population Health and Health-Related Behavior Change	2.5	M/W	2:00-3:30			Conflicts with ID215 in Spring 1st year; no conflicts 2nd year
January	**EPI 542**	Causal Mediation and Interaction	1.25	TBA	TBA			Possible conflict with EH525
Spring	**SBS 288**	Qualitative Research Methods in Public Health	2.5	F	9:45 – 12:45			Conflict in Year 1 with Atmospheric Environment
Fall	**SBS 245**	Social and Behavioral Research Methods	5	F	2:00 – 5:00			
Electives courses chosen in consultation with your advisor.								
Fall	**EH 300**	Independent Study	2.5					**Students may choose to register for 2.5 credits of EH 300 Independent Study with their thesis advisor to focus on their thesis research**

		Total Elective Credits						
		Total Semester Credits						

Year 2 Spring - Environmental Health Environmental Justice								
Semester	**Course Code**	**Course Title**	**Credits**	**Day**	**Time**	**Completed/ Waived**	**Grade**	**Notes**
Required Courses								
Spring	**EH 508**	Master's Thesis and Collaborative Research in Environmental Health	5	W	3:45-7:00			
Spring	**TBD**	Community Practice in Environmental Health	5	TBD	TBD			TBD
Spring 1	**ID 271**	Advanced Regression for Environmental Epidemiology	2.5	TuTh	Tu 2:00-3:30 Th 1:00-3:30			
Spring 2	**SBS 210**	Introduction to Dissemination and Implementation Science	2.5	T/Th	11:30-1:00			
Spring 1	**SBS 535*** **	Global Perspectives on Racism, Poverty, and Power	2.5	M/W	9:45-11:15	Spring 1 second year		No conflicts except for EPI204
		Total Required Credits						
An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.*								
Over the course of your studies, students should take 5 credits worth of coursework from the options below (consult with your advisor)								
Spring 1	**SBS 522**	Multi-Level Theoretical Approaches to Population Health and Health-Related Behavior Change	2.5	M/W	2:00-3:30			Conflicts with ID215 in Spring 1st

								year; no conflicts 2nd year
January	**EPI 542**	Causal Mediation and Interaction	1.25	TBA	TBA			Possible conflict with EH525
Fall	**SBS 288**	Qualitative Research Methods in Public Health	2.5	F	9:45 – 12:45			Conflict in Year 1 with Atmospheric Environment
Fall	**SBS 245**	Social and Behavioral Research Methods	5	F	2:00 – 5:00			

Elective courses chosen in consultation with your advisor.

Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
		Total Elective Credits						
		Total Semester Credits						

Environmental Health Environmental Justice Electives									
School	**Semester**	**Course Code**	**Course Title**	**Credits**	**Day**	**Time**	**Completed/ Waived**	**Grade**	**Notes**
HSPH	Spring 2	EH278*	Human Health and Global Environmental Change	2.5	T/Th	2:00 - 3:30			No conflicts
HSPH	Fall 1	SBS 201	Society and Health	2.5	M/W	3:45 – 5:15			Conflict in Year 1 with BST201(optional course for SM) and in Year 2 with EH263
GSD	Spring Full Term	SES 5409	Climate Justice	4	W	12:00-2:45			Conflicts with ID215 in Spring of 1st year; no conflicts 2nd year
GSD	Fall Full Term	DES 3348	The Idea of Environment	4	F	9:00-11:45			
HKS	Fall Full Term	IGA 385	Strategizing for Human Rights: Moving from Ideals to Practice	4	M/W	12:00-1:15			
HKS	Fall Full Term	IGA 513*	Science, Power, and Politics	4	W	2:00-4:00			

SM2 80 in Environmental Health Epidemiology								
Year 1 Fall - Environmental Health Epidemiology								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Summer / Fall 1	**ID 100**	Foundations for Public Health	1					
Fall	**BST 201*** <u>*or*</u> **BST 210** <u>*or*</u> **BST 213**	Introduction to Statistical Methods <u>*or*</u> Applied Regression Analysis <u>*or*</u> Applied Regression for Clinical Research	5	TuTh <u>*or*</u> TuTh <u>*or*</u> MW	3:45-5:15 <u>*or*</u> 11:30-1:00 <u>*or*</u> 8:00-9:30			BST 201 Additional Lab Required BST 210 Additional Lab Required. BST 210 also offered in the Spring
Fall 1	**EPI 201***	Introduction to Epidemiology: Methods I	2.5	TuTh	9:45-11:15 <u>*or*</u> 11:30-1:00			Additional Lab Required
Fall 2	**EPI 202***	Epidemiologic Methods 2: Elements of Epidemiologic Research	2.5	TuTh	9:45-11:15 <u>*or*</u> 11:30-1:00			Additional Lab Required
Fall	**EH 205****	Human Physiology	5	MW	9:45-11:15			
Fall 2	**EH 510****	Fundamentals of Human Environmental Exposure Assessment	2.5	TuTh	2:00-3:30			
Fall 1	**RDS 500****	Risk Assessment	2.5	TuTh	2:00-3:30 1:00-3:30			
		Total Required Credits	**21.0**					
Electives courses chosen in consultation with your advisor.								
		Total Elective Credits						
		Total Semester Credits						

*Students who believe they have taken coursework that fulfills the school requirements for BST 201 and/or EPI 201 or EPI 202, see the section on waiving these courses above.

**Students who believe they have taken coursework that fulfills the EH Department requirements for EH 205, EH 510, RDS 500 or any other EH required course, see the section on waiving department courses above and complete the *EH Department Waiver Form*.

Year 1 Spring - Environmental Health Epidemiology								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Spring	**EH 257** *or* **EH 297**	Water Pollution *or* Atmospheric Environment	5 5	TuTh *or* WF	9:45-11:15 11:30-1:00			
Spring	**ID 215**	Environmental and Occupational Epidemiology	2.5	W	2:00-3:30			
Spring 2	**EPI 203**	Study Design in Epidemiologic Research	2.5	TuTh	3:45-5:15			
An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* *An additional approved 2.5 credit methods course which could include one of the following. Consult with your advisor.*								
Spring 2	**EPI 204**	Analysis of Case-Control, Cohort and Other Epidemiologic Data	2.5	MW	9:45-11:15			*One of these courses is typically taken in Year 1 although can be taken in Year 2. Consult with your advisor.* EPI 204 Lab section required, W 3:45-5:15; Th 3:45-5:15; F 9:45-11:15
Environmental Epidemiology student must take at least 2.5 additional credits of a substantive Epidemiology course. Consult with your advisor. Some examples are listed below.								
Spring 1 Spring 2 Fall 2	**EPI 213** *or* **EPI 223** *or* **EPI 269**	Epidemiology of Cancer *or* Cardiovascular Epidemiology I *or* Reproductive and Perinatal Epidemiology I	2.5 2.5 2.5	TuTh MW TuTh	2:00-3:30 2:00-3:30 2:00-3:30			
		Total Required Credits						
Also due in Spring of Year 1 - Thesis Topic Identification: Choose a mentor and identify a topic.								
Electives courses chosen in consultation with your advisor.								

		Total Elective Credits						
		Total Semester Credits						

Year 2 Fall - Environmental Health Epidemiology								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Fall	**EH 263**	Analytical Methods and Exposure Assessment	5	TuTh	3:45-5:15			
Fall	**EH 504**	Principles of Toxicology	5	MW	9:45-11:15			Section 2
		Total Required Credits						
Also due in Fall of Year 2 - Thesis Proposal: Complete and submit Thesis Proposal Form *An additional approved 5.0 credits of intermediate biostatistics course(s).* *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.*								
Electives courses chosen in consultation with your advisor.								
Fall	**EH 300**	Independent Study	2.5					**Students may choose to register for 2.5 credits of EH 300 Independent Study with their thesis advisor to focus on their thesis research**

		Total Elective Credits						
		Total Semester Credits						

Year 2 Spring - Environmental Health Epidemiology								
Semester	**Course Code**	**Course Title**	**Credits**	**Day**	**Time**	**Completed/ Waived**	**Grade**	**Notes**
Required Courses								
Spring	**EH 508**	Master's Thesis and Collaborative Research in Environmental Health	5	W	3:45-7:00			
Spring 1	**ID 271**	Advanced Regression for Environmental Epidemiology	2.5	TuTh	Tu 2:00-3:30 Th 1:00-3:30			
		Total Required Credits						
An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* *Electives courses chosen in consultation with your advisor.*								
Semester	**Course Code**	**Course Title**	**Credits**	**Day**	**Time**	**Completed/ Waived**	**Grade**	**Notes**
		Total Elective Credits						
		Total Semester Credits						

`

SM2 80 in Environmental Health Exposures								
Year 1 Fall - Environmental Health Exposures								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Summer / Fall 1	**ID 100**	Foundations for Public Health	1					
Fall	**BST 201*** *or* **BST 210** *or* **BST 213**	Introduction to Statistical Methods *or* Applied Regression Analysis *or* Applied Regression for Clinical Research	5	TuTh *or* TuTh *or* MW	3:45-5:15 *or* 11:30-1:00 *or* 8:00-9:30			BST 201 Additional Lab Required BST 210 Additional Lab Required. BST 210 also offered in the Spring
Fall 1	**EPI 201***	Introduction to Epidemiology: Methods I	2.5	TuTh	9:45-11:15 *or* 11:30-1:00			Additional Lab Required
Fall 2	**EPI 202***	Epidemiologic Methods 2: Elements of Epidemiologic Research	2.5	TuTh	9:45-11:15 *or* 11:30-1:00			Additional Lab Required
Fall	**EH 205****	Human Physiology	5	MW	9:45-11:15			
Fall 2	**EH 510****	Fundamentals of Human Environmental Exposure Assessment	2.5	TuTh	2:00-3:30			
Fall 1	**RDS 500****	Risk Assessment	2.5	Tu Th	2:00-3:30 1:00-3:30			
		Total Required Credits	**21.0**					
Electives courses chosen in consultation with your advisor.								
		Total Elective Credits						
		Total Semester Credits						

*Students who believe they have taken coursework that fulfills the school requirements for BST 201 and/or EPI 201 or EPI 202, see the section on waiving these courses above.

**Students who believe they have taken coursework that fulfills the EH Department requirements for EH 205, EH 510, RDS 500 and any other EH required courses, see the section on waiving department courses above and complete the *EH Department Waiver Form*.

`

Year 1 Spring - Environmental Health Exposures								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Spring	**ID 215**	Environmental and Occupational Epidemiology	2.5	W	2:00-3:30			
Spring	**EH 257**	Water Pollution	5	TuTh	9:45-11:15			Take at least EH 257 or EH 297 in your first year. If you do not take both courses in Year 1, take the other course in Year 2. Consult with your advisor to decide what makes sense for you.
Spring	**EH 297**	Atmospheric Environment	5	WF	11:30-1:00			Take at least EH 257 or EH 297 in your first year. If you do not take both courses in Year 1, take the other course in Year 2. Consult with your advisor to decide what makes sense for you.
Students must also take an approved environmental law/policy course. A course may be selected in consultation with your advisor *An additional approved 5.0 credits of intermediate biostatistics course(s).* *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* **Also due in Spring of Year 1 - Thesis Topic Identification:** Identify a topic, choose a mentor and start to develop an outline of proposed work								
		Total Required Credits						
Electives courses chosen in consultation with your advisor.								
		Total Elective Credits						
		Total Semester Credits						

`

Year 2 Fall - Environmental Health Exposures								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Fall	**EH 263**	Analytical Methods and Exposure Assessment	5	TuTh	3:45-5:15			
Fall	**EH 504**	Principles of Toxicology	5	MW	9:45-11:15			Section 2
		Total Required Credits						

An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* ***Also due in Fall of Year 2 - Thesis Proposal: Complete and submit Thesis Proposal Form*** ****Reminder: If not fulfilled in Year 1, students must also take an approved environmental law/policy course. A course may be selected in consultation with your advisor**** *Electives courses chosen in consultation with your advisor.*								
Fall	**EH 300**	Independent Study	2.5					**Students may choose to register for 2.5 credits of EH 300 Independent Study with their thesis advisor to focus on their thesis research**
		Total Elective Credits						
		Total Semester Credits						

Year 2 Spring - Environmental Health Exposures

`

Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Spring	**EH 257**	Water Pollution	5	TuTh	9:45-11:15			If not already taken in Year 1.
Spring	**EH 297**	Atmospheric Environment	5	WF	11:30-1:00			If not already taken in Year 1.
Spring	**EH 508**	Master's Thesis and Collaborative Research in Environmental Health	5	W	3:45-7:00			
		Total Required Credits						
An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* *Electives courses chosen in consultation with your advisor.*								
		Total Elective Credits						
		Total Semester Credits						

SM2 80 in Environmental Health Occupational Health								
Year 1 Fall - Environmental Health Occupational Health								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Summer / Fall 1	**ID 100**	Foundations for Public Health	1					
Fall	**BST 201*** *or* **BST 210** *or* **BST 213**	Introduction to Statistical Methods *or* Applied Regression Analysis *or* Applied Regression for Clinical Research	5	TuTh *or* TuTh *or* MW	3:45-5:15 *or* 11:30-1:00 *or* 8:00-9:30			BST 201 Additional Lab Required BST 210 Additional Lab Required. BST 210 also offered in the Spring
Fall 1	**EPI 201***	Introduction to Epidemiology: Methods I	2.5	TuTh	9:45-11:15 *or* 11:30-1:00			Additional Lab Required
Fall 2	**EPI 202***	Epidemiologic Methods 2: Elements of Epidemiologic Research	2.5	TuTh	9:45-11:15 *or* 11:30-1:00			Additional Lab Required
Fall	**EH 205****	Human Physiology	5	MW	9:45-11:15			
Fall 2	**EH 510****	Fundamentals of Human Environmental Exposure Assessment	2.5	TuTh	2:00-3:30			
Fall 1	**RDS 500****	Risk Assessment	2.5	Tu Th	2:00-3:30 1:00-3:30			
		Total Required Credits	**21.0**					
Electives courses chosen in consultation with your advisor.								
		Total Elective Credits						
		Total Semester Credits						

*Students who believe they have taken coursework that fulfills the school requirements for BST 201 and/or EPI 201 or EPI 202, see the section on waiving these courses above.

**Students who believe they have taken coursework that fulfills the EH Department requirements for EH 205, EH 510, RDS 500 and any other EH required courses, see the section on waiving department courses above and complete the *EH Department Waiver Form*.

Year 1 Spring - Environmental Health Occupational Health								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Spring	**EH 231**	Occupational Health Policy and Administration	2.5	M	3:45-5:15			
Spring	**EH 236**	Epidemiology of Environmental & Occupational Health Regulations	5	F	9:45-1:00			
Spring	**ID 215**	Environmental and Occupational Epidemiology	2.5	W	2:00-3:30			
Spring	**ID 263**	Practice of Occupational Health	5	W	8:00-11:15			
		Total Required Credits						
An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* ***Also due in Spring of Year 1 - Thesis Topic Identification: Identify a topic, choose a mentor and start to develop an outline of proposed work*** *Electives courses chosen in consultation with your advisor.*								
		Total Elective Credits						
		Total Semester Credits						

Year 2 Fall - Environmental Health Occupational Health								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Fall	**EH 241**	Occupational Safety and Injury Prevention	2.5	Th	5:30-7:00			
Fall	**EH 263**	Analytical Methods and Exposure Assessment	5	TuTh	3:45-5:15			
Fall	**EH 504**	Principles of Toxicology	5	MW	9:45-11:15			Section 2
		Total Required Credits						
An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* ***Also due in Fall of Year 2 - Thesis Proposal: Complete and submit Thesis Proposal Form***								
Electives courses chosen in consultation with your advisor.								
Fall	**EH 300**	Independent Study	2.5					**Students may choose to register for 2.5 credits of EH 300 Independent Study with their thesis advisor to focus on their thesis research**
		Total Elective Credits						
		Total Semester Credits						

Year 2 Spring - Environmental Health Occupational Health								
Semester	**Course Code**	**Course Title**	**Credits**	**Day**	**Time**	**Completed/ Waived**	**Grade**	**Notes**
Required Courses								
Spring	**EH 257** *or* **EH 297**	Water Pollution *or* Atmospheric Environment	5 5	TuTh *or* WF	9:45-11:15 11:30-1:00			
Spring	**EH 508**	Master's Thesis and Collaborative Research in Environmental Health	5	W	3:45-7:00			
		Total Required Credits						
An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* *Electives courses chosen in consultation with your advisor.*								
		Total Elective Credits						
		Total Semester Credits						

SM2 80 in Environmental Health Risk Sciences								
Year 1 Fall - Environmental Health Risk Sciences								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Summer / Fall 1	**ID 100**	Foundations for Public Health	1					Online – asynchronous
Fall	**BST 201*** *or* **BST 210** *or* **BST 213**	Introduction to Statistical Methods *or* Applied Regression Analysis *or* Applied Regression for Clinical Research	5	TuTh *or* TuTh *or* MW	3:45-5:15 *or* 11:30-1:00 *or* 8:00-9:30			BST 201 Additional Lab Required BST 210 Additional Lab Required. BST 210 also offered in the Spring
Fall 1	**EPI 201***	Introduction to Epidemiology: Methods I	2.5	TuTh	9:45-11:15 *or* 11:30-1:00			Additional Lab Required
Fall 2	**EPI 202***	Epidemiologic Methods 2: Elements of Epidemiologic Research	2.5	TuTh	9:45-11:15 *or* 11:30-1:00			Additional Lab Required
Fall	**EH 205****	Human Physiology	5	MW	9:45-11:15			
Fall 1	**RDS 500****	Risk Assessment	2.5	Tu Th	2:00-3:30 1:00-3:30			
Fall 2	**RDS 280**	Decision Analysis for Health and Medical Practices	2.5	TuTh	2:00-3:30			
		Total Required Credits	**21.0**					
Electives courses chosen in consultation with your advisor.								
		Total Elective Credits						
		Total Semester Credits						

*Students who believe they have taken coursework that fulfills the school requirements for BST 201 and/or EPI 201 or EPI 202, see the section on waiving these courses above.

**Students who believe they have taken coursework that fulfills the EH Department requirements for EH 205, EH 510, RDS 500 and any other EH required courses, see the section on waiving department courses above and complete the *EH Department Waiver Form*.

Year 1 Spring - Environmental Health Risk Sciences								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses								
Spring	**ID 215**	Environmental and Occupational Epidemiology	2.5	W	2:00-3:30			
Spring 2	**RDS 282**	Economic Evaluation of Health Policy & Program Management	2.5	MW	2:00-3:30			
Spring	**EH 257** *or* **EH 297**	Water Pollution *or* Atmospheric Environment	5 5	TuTh *or* WF	9:45-11:15 11:30-1:00			Can be taken in Year 1 or Year 2
Students must also take an approved environmental law/policy course AND an approved economics course. Courses may be selected in consultation with your advisor *An additional approved 5.0 credits of intermediate biostatistics course(s).* *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* **Also due in Spring of Year 1 - Thesis Topic Identification:** Choose a thesis mentor and identify a topic.								
		Total Required Credits						
Electives courses chosen in consultation with your advisor.								
		Total Elective Credits						
		Total Semester Credits						

Year 2 Fall - Environmental Health Risk Sciences								
Semester	Course Code	Course Title	Credits	Day	Time	Completed/ Waived	Grade	Notes
Required Courses **Reminder: Students must also take an approved environmental law/policy course AND an approved economics course. Courses may be selected in consultation with your advisor** *An additional approved 5.0 credits of intermediate biostatistics course(s).* *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.*								
Fall	**EH 263**	Analytical Methods and Exposure Assessment	5	TuTh	3:45-5:15			
Fall	**EH 504**	Principles of Toxicology	5	MW	9:45-11:15			Section 2
Fall 2	**EH 510**	Fundamentals of Human Environmental Exposure Assessment	2.5	TuTh	2:00-3:30			
		Total Required Credits						

Also due in Fall of Year 2: Thesis Proposal; Complete and submit the Thesis Proposal Form *Electives courses chosen in consultation with your advisor.*								
Fall	**EH 300**	Independent Study	2.5					**Students may choose to register for 2.5 credits of EH 300 Independent Study with their thesis advisor to focus on their thesis research**
		Total Elective Credits						
		Total Semester Credits						

Year 2 Spring - Environmental Health Risk Sciences								
Semester	**Course Code**	**Course Title**	**Credits**	**Day**	**Time**	**Completed/ Waived**	**Grade**	**Notes**
Required Courses								
Spring	**EH 257** *or* **EH 297**	Water Pollution *or* Atmospheric Environment	5 5	TuTh *or* WF	9:45-11:15 11:30-1:00			Can be taken in Year 1 or Year 2.
Spring	**EH 508**	Master's Thesis and Collaborative Research in Environmental Health	5	W	3:45-7:00			
		Total Required Credits						
An additional approved 5.0 credits of intermediate biostatistics course(s). *Recommended: BST 210 Applied Regression Analysis or BST 213 Applied Regression for Clinical Research. Consult with your advisor.* *Electives courses chosen in consultation with your advisor.*								
		Total Elective Credits						
		Total Semester Credits						

Graduation and Offboarding

Account/Service	Expiration
HarvardKey	HarvardKey credentials including 2-step authorization continue to work **indefinitely** after graduation.

Account/Service	Expiration
	Harvard University's central alumni resources at http://www.alumni.harvard.edu utilize the HarvardKey for authentication. Most other SPH and University systems are restricted to active students. More information on specific systems may be found below.
Harvard University Identification Cards	Harvard Identification cards are deactivated **immediately following commencement**.
Student printing	Student printing access is tied to your Harvard University Identification card; therefore, printing access ends **immediately following commencement**.
O365 email/calendaring including OneDrive, Sharepoint (@hsph.harvard.edu accounts)	The Harvard University policy for Microsoft Office 365 accounts (designated by student@hsph.harvard.edu) states that accounts expire **230 days** after a student's graduation*. This grace period gives students time to continue to use their email address after graduation for job searches and other communications. The Department of Information Technology can provide guidance on how to create a personal archive of your mail as well as copy other O365 files to local drives ahead of the end of the grace period. Alumni are notified at 10 days prior to account expiration and at 5 days prior to account expiration.
Alumni email forwarding (@alumni.harvard.edu)	The Harvard Alumni Association has retired this service. It is no longer available to graduating students. Further information on policies and how to establish your forwarding may be found at: https://alumni.harvard.edu/help/email-forwarding.

Account/Service	Expiration
SPH Network and Personal Drives (P/:, S/:, G:/)	Access to services end on **June 30th** for all graduates including March, May and November graduation dates. The HSPH Helpdesk can provide guidance to assist you in moving any personal files to personal computers or other devices.
My.Harvard portal	Access to My.Harvard continues after graduation with information tailored toward alumni. This tab allows students to do items like review course history/grades and print an unofficial transcript.
SPH Virtual Computer Laboratories (VDI)	Access to services end on **June 30th** for all graduates including March, May and November graduation dates.
Zoom video conferencing	Access ends immediately following commencement for all graduates including March, May and November graduation dates.
Qualtrics	Access ends immediately following commencement. This includes access to any surveys created and survey data. Please see Qualtrics FAQ for off-boarding information.
Canvas courses	Access to courses on Canvas is available for up to **two years after graduation**. Some collaborative features of courses will be in a "read only" state after the course has concluded (e.g., discussion boards, assignment submissions). Features that rely on student library access privileges will not be available. Please also note that faculty may opt to remove their courses and/or select content ahead of the two-year time period. We recommend copying materials locally to your computer to ensure continued access to content of interest from your courses.

Account/Service	Expiration
	If a course was recorded, videos will be available for up to **two years after the course** was offered. Faculty may opt to remove course videos ahead of the two-year time period. Videos are not available for download. If you have questions or problems accessing materials, please contact the Harvard Chan IT Helpdesk at helpdesk@hsph.harvard.edu.
Harvard Library Access	Student access to Harvard libraries is removed **immediately after graduation** (March, May or November dates). However, all Harvard alumni now have access to a wide variety of electronic resources from the Harvard Libraries. While this catalog is not comprehensive it does provide access to many of the most popular journals and other resources through the Harvard Libraries. Additionally, alumni can apply for borrowing privileges at Countway and Widener Libraries for a fee, and SPH Office of Alumni Affairs recently launched alumni access to one of the largest publishers of online journals. Your alumni representatives serving on the Harvard Chan School Alumni Council are continuing to seek new ways for Harvard Chan School alumni to access Harvard's vast scholarly resources. Visit the SPH Office of Alumni Affairs benefits page to see what scholarly resources are currently available to our alumni and how to access them.
FAS Odyssey High Performance Research Computing	If you have access to Odyssey for research in collaboration with a faculty sponsor, continued access/decommissioning of your account beyond graduation is determined by your faculty sponsor.

Account/Service	Expiration
	Please contact your faculty sponsor for additional information.
SPH WordPress Accounts	Access to any SPH websites that are restricted to an active SPH group (e.g., active SPH students, active SPH community) will expire immediately upon graduation. If you have editing privileges for a particular SPH site, access persist until/if the SPH website owner removes your access.
Harvard Wiki http://wiki.harvard.edu	Access persists to Harvard wikis after graduation utilizing your HarvardKey. Access to particular a wiki is dependent upon the permissions of the wiki. For example, if a wiki is open to "all SPH students," upon graduation, your access to that particular wiki would expire immediately upon graduation. Alternatively, if a wiki was open to you as an individual, your access persists indefinitely until/if the wiki owner removes your access.
Harvard MessageMe	Access ends immediately following commencement.

Frequently Asked Questions

I still have some work to do and need access to Harvard Chan school buildings. What should I do?

Alumni are always welcome to visit the Harvard Chan School campus buildings. Future access to the campus will require either a visitor pass or application for a non-student HUID to be approved by the appropriate department. If you only need access for the day, please identify yourself to the Kresge entrance security guard as a graduate of the Harvard Chan School and the security guard will direct you to the ID office. The ID office will ask for a photo ID and will issue you an alumni visitor pass for the day. Alumni may only receive a single-day pass without making prior arrangements with a department or program administrator, and no more than two-day passes will be issued in any given three-month period. If you require sustained access

to the Harvard Chan School buildings after graduation to complete work or for other legitimate business or academic reasons, please see your department or program administrator, who can sponsor you for a temporary ID—for one week or 30, 60, or 90 days—that will allow you access to the portions of the campus that are necessary for completing your work. The decision to sponsor a temporary ID is at the sole discretion of the department or program and may be rescinded at any time (revised July 10, 2013).

Why is my HUID disabled so soon after graduation?

Harvard University policy mandates that all HUIDs be deactivated the day a student graduates, whether November, March or May. Deactivated HUIDs should be turned in at the ID Office.

I'm still doing some research. Can I use the Countway Library or other Harvard libraries after graduation?

Student access to Harvard libraries is removed immediately after graduation. However, all Harvard alumni now have access to a wide variety of electronic resources. While this catalog is not comprehensive, it does provide access to many of the most popular journals and other resources through the Harvard libraries. Additionally, alumni can apply for borrowing privileges at Countway and Widener Libraries for a fee, and we recently began providing alumni access to one of the largest publishers of online journals. Your alumni representatives serving on the Harvard Chan School Alumni Council are continuing to seek new ways for Harvard Chan School alumni to access Harvard's vast scholarly resources. Visit our Career Tools page to see the scholarly resources that are currently available to our alumni and how to access them.

What about Canvas? Can I still access my course materials after graduation?

Access to courses on Canvas is available for up to two years after graduation. Some collaborative features of courses will be in a "read only" state after the course has concluded (e.g., discussion boards, assignment submissions). Features that rely on student library access privileges will not be available. Please also note that faculty may opt to remove their courses and/or select content ahead of the two-year time period. We recommend copying materials locally to your computer to ensure continued access to content of interest from your courses.

If a course was recorded, videos will be available for up to two years after the course was offered. Faculty may opt to remove course videos ahead of the two-year time period. Videos are not available for download.

If you have questions or problems accessing materials, please contact the Harvard Chan IT Helpdesk at helpdesk@hsph.harvard.edu.

I'm still looking for a job. Can I use the Office of Career and Professional Development after graduation?

Yes. A variety of services are available throughout your career, and you are always welcome to contact us for assistance. As alumni, you will also have lifelong access to the CareerConnect job listings, and we are increasingly posting mid- to senior-level positions to help you as you progress through your career. Please visit the Career Advancement website for more details.

Does my Harvard email expire?

Student email accounts expire 365 days after a student's graduation.

Does my access to other Harvard Chan and Harvard systems expire?

Access to most systems ends upon graduation or shortly thereafter. Policies are determined by the technology unit that manages each service on a service-by-service basis.

Most notably, access to your Harvard Chan network drives (P:/, S:/, G:/ drives), as well as virtual student computing (VDI), expires on June 30 for all graduation dates (November, March, and May). The Department of Information Technology can provide guidance on copying personal files to your local computer or other devices.
The Department of Information Technology also maintains a detailed list at https://hsph.me/student-offboarding with additional information for recent graduates.

Does my HarvardKey credential expire?

Current Harvard University policy states that your HavardKey credential does not expire. The HarvardKey is used for some alumni activities, including accessing the University's alumni website (alumni.harvard.edu)

How can I connect with other Harvard Chan School alumni specifically?

A unique benefit of attending the Harvard T.H. Chan School of Public Health is that you are part of a great School within a great University! Our alumni are members of both the Harvard Chan School Alumni Association and the University-wide Harvard Alumni Association (HAA) described below. Please note that joining the Harvard Chan School Alumni Online Community requires a separate registration process from that for the HAA registration. The Harvard Chan School Alumni Online Community features a secure, password-protected, Harvard Chan School–specific alumni directory, an alumni mentoring network, information on how to submit class notes, listings of regional groups, current news about Harvard Chan School faculty and alumni, and career and volunteer opportunities around the globe. Whenever your home or business information changes, be sure to update your online community profile. You can also request to join the Harvard Chan Alumni LinkedIn Network and Facebook groups.

I heard I can join the Harvard Alumni Association (HAA). What's that about?

As an additional resource, all Harvard alumni are eligible to register with the Harvard Alumni Association at a password-protected site (alumni.harvard.edu) offering a variety of services, including a University-wide alumni directory, distance-learning programs, and career/networking opportunities.

To register:

1. Go to the HAA website.
2. Click the Community Login or Register button on the top right-hand side of the page and Follow the information requests.
3. Use your existing Harvard Key to log in.
4. If you have any problems registering, please email the HAA help desk or call 800-823-2478 or 617-496-0559 (M-F, 9 am – 5 pm ET) or visit the HAA help page for more options.

What happens to insurance when you graduate?

November Degree

November degree candidates who complete their degree requirements on or before September 8 will have HUSHP coverage retroactively cancelled back to the last day of the prior term of coverage (July 31) and students will be charged for any services incurred through the health program during this period.

► Students who register for the fall term and complete their degree requirements between September 9 and October 9 will be charged for HUSHP for the fall term and will have coverage from August 1-January 31.

► Students who register for the fall term and complete their degree requirements on or after October 10 will not be considered November degree candidates. HUSHP charges will remain on the student account for fall term and the student will have coverage from August 1-January 31.

Sample scenario one
5/30 Student misses May degree deadline and is presumed to be a November degree candidate 7/01 Student is billed for HUSHP
8/25 Student registers for fall
9/08 Student completes degree requirements
9/13 HUSHP is cancelled retroactively back to July 31

Sample scenario two

5/30 Student misses May degree deadline and is presumed to be a November degree candidate
7/01 Student is billed for HUSHP
8/25 Student registers for fall
9/09 Student completes degree requirements
9/13 HUSHP remains on student's bill and the student is covered from August 1 through January 31

March Degree

- HUSHP coverage will terminate on January 31 for all March degree candidates.

May Degree

- HUSHP coverage will terminate on July 31 for all May degree candidates.

Electives

	Potential Electives: This is not a comprehensive list. ***Consult with your Advisor when choosing your electives.***				
Course Code	**Course**	**Credits**	**Semester**	**Day**	**Time**
API 135	Economics of Climate Change and Environmental Policy	4	Spring	MW	1:30-2:45
API 165	Energy and Environmental Economics and Policy	4	Spring	MW	3:00 – 4:15
BST 212	Survey Research Methods in Community Health	2.5	Spring	W	3:45-5:15
BST 213	Applied Regression for Clinical Research	5	Fall	MW	8:00-9:30
BST 222	Basics of Statistical Inference	5	Fall	TuTh	8:00-9:30
BST 223	Applied Survival Analysis	5	Spring	TuTh	9:45-11:15
BST 226	Applied Longitudinal Analysis	5	Spring	TuTh	2:00-3:30
BST 227	Introduction to Statistical Genetics	2.5	Fall 2	MW	3:45-5:15
BST 245	Analysis of Multivariate and Longitudinal Data	5	Fall	TuTh	11:30-1:00
BST 280	Introductory Genomics and Bioinformatics for Health Research	2.5	Fall 2	TuTh	2:00-3:30
BST 281	Genomic Data Manipulation	5	Spring	MW	3:45-5:15
CELLBIO 201	Principles of Cell Biology	4 (GSAS)	Spring	MWF	10:30 – 12:00
EH 208	Pathophysiology of Human Disease	5	Spring	MW	2:00-3:30
EH 212	Food and the Global Environment	2.5	Spring	M	3:45-5:15
EH 231	Occupational Health Policy and Administration	5	Spring	M	3:45-5:15
EH 232	Introduction to Occupational and Environmental Medicine	2.5	Spring	F	8:00-9:30
EH 236	Epidemiology of Environmental and Occupational Health Regulations	5	Spring	F	9:45-1:00

EH 249	Built Environment, Nature, and Health	2.5	Fall	WF	3:45-5:15
EH 252	High Performance Buildings for Health, Comfort and Sustainability	5	Spring	W	8:00-11:15
EH 257	Water Pollution	5	Spring	TuTh	9:45-11:15
EH 268	Principles and Practices of Leadership for Environmental and Occupational health Professionals	2.5	Fall	M	3:45-5:15
EH 278	Human Health and Global Environmental Change	2.5	Spring 2	TuTh	2:00-3:30
EH 297	Atmospheric Environment	5	Spring	WF	11:30-1:00
EH 298	Environmental Epigenetics	2.5	Spring 2	TuTh	2:00-3:30
EH 512	Interdisciplinary Training in Pulmonary Science I	2.5	Fall	TuF	Tu 9:45-10:45 F 1:00-2:00
EH 513	Interdisciplinary Training in Pulmonary Science II	2.5	Spring	TuF	Tu 9:45-10:45 F 1:00-2:00
EH 530	Confronting Climate Change: A Foundation in Science, Technology, and Policy	5	Fall	MW	1:30-2:45
EH 550	Special Topics in Environmental Health: Statistical Methods for Environmental Mixtures	2.5	Spring 2	TuTh	11:30-1:00
EPI 203	Study Design in Epidemiologic Research	2.5	Spring 2	TuTh	3:45-5:15
EPI 204	Analysis of Case-Control, Cohort and Other Epidemiologic Data	2.5	Spring 2	MW	9:45-11:15
EPI 205	Practice of Epidemiology	2.5	Fall	F	2:00-4:00
EPI 207	Advanced Epidemiologic Methods	2.5	Fall 1	MW	3:45-5:15
EPI 213	Epidemiology of Cancer	2.5	Spring 1	TuTh	2:00-3:30
EPI 215	Advanced Topics in Case-Control and Cohort Studies	2.5	Fall 1	MWTh	MW 2:00-3:30 Th 3:45-5:15
EPI 221	Pharmacoepidemiology	2.5	Fall 1	MW	2:00-3:30
EPI 247	Epidemiologic Methods Development - Past and Present	2.5	Fall 2	MW	3:45-5:15
EPI 249	Molecular Biology for Epidemiologists	2.5	Fall 1	WF	11:30-1:00

EPI 254	Topics in Epidemiology of Aging	1.25	Spring 2	F	11:30 – 1:00
EPI 269	Reproductive and perinatal Epidemiology I	2.5	Fall 2	TuTh	2:00-3:30
EPI 271	Propensity Score Analysis: Theoretical & Practical Considerations	1.25	January	TBA	TBA
EPI 284	Epidemiology Of Neurologic Diseases	2.5	Spring 1	TuTh	3:45-5:15
EPI 507	Principles of Genetic Epidemiology	2.5	Fall 2	MW	9:45-11:15
EPS 200	Atmospheric Chemistry and Physics	4	Fall	WF	1:30 – 2:45
EPS 208	Physics of Climate	4	Fall	TuTh	10:30-11:45
EPS 231	Climate Dynamics	4	Spring	TuTh	10:30-11:45
ESE 168	Human Environmental Data Science: Agriculture, Conflict, and Health	4	Fall	TuTh	10:30 – 11:45
GHP 207	Risk Factors and Population Health	2.5	Spring 1	MWF	2:00-3:30
HPM 206	Economic Analysis	5	Fall	TuTh	11:30-1:00
HPM 549	Ethical and Regulatory Issues in Human Research	2.5	June	MTuWTh F	1:30-3:50
ID 214	Nutritional Epidemiology	2.5	Spring	F	9:45-11:15
ID 220	An Introduction to Planetary Health	2.5	Spring	W	3:45-5:15
ID 240	Principles of Injury Control	2.5	Spring 1	Th	4:00-6:50
ID 263	Practice of Occupational Health	5	Spring	W	8:00-11:15
ID 269	Respiratory Epidemiology	1.25	Fall 2	Th	2:00-3:30
ID 271	Advanced Regression for Environmental Epidemiology	2.5	Spring 1	TuTh	T 2:00-3:30 Th 1:00-3:30
ID 539	Built Environment, Human Transportation, Public Health, and Climate Change	2.5	Fall	Th	2:00-3:30
IGA 455	Environmental Politics: Building Power Through Leadership, Persuasion and Negotiation	4	Spring	MW	12:00 – 1:15
IGA 565	Analytical Methods for Complex Adaptive Systems	4	Spring	Th	10:30-11:45

IMMUN 307QC	Cancer Immunology	2 (GSAS)	Fall 2	M	4:00 – 6:00
MCB 169	Molecular and Cellular Immunology	4 (GSAS)	Fall	TuTh	10:30-11:45
MIT 11.630J/1.811J/ESD.133J	Environmental Law, Policy and Economics: Pollution Prevention and Control		Check MIT Catalog	TR	3:30-5:00
MLD 377	Organizing: People, Power, Change	4	Spring	TBA	TBA
NUT 200	Introduction to Nutrition Science	2.5	Fall 1	MW	9:45 – 11:15
RDS 280	Decision Analysis for Health and Medical Practices	2.5	Fall 2	TuTh	2:00-3:30
RDS 202	Decision Science for Public Health	2.5	Spring	TBA	TBA
RDS 282	Economic Evaluation of Health Policy & Program Management	2.5	Spring 2	MW	2:00-3:30
RDS 285	Decision Analysis Methods in Public Health and Medicine	2.5	Spring 1	MW	2:00-3:30

Course Credit Conversions Across Harvard University

When registering and cross-registering [registering for courses not offered by Harvard Chan], be aware of the different registration and add/drop dates for each of the schools and their related courses and deadlines. **You need to follow the deadlines set by the school that is offering the course**.

A note about course credits across Harvard. Harvard Schools use different credit systems for their courses.

School	Terms Available	Credit Per Course at the Host School	Harvard T.H Chan Equivalent
Arts and Sciences	Full Year Semester	1 credit 2 credits 4 credits 6 credits 8 credits 10 credits 12 credits 14 credits 16 credits	1.25 credits 2.5 credits 5 – 7.5 credits 8 – 9 credits 10 - 11 credits 12 – 14 credits 15 – 16 credits 17 – 19 credits 20 credits
Business	Semester Half-semester	1.5 credits (MBA) 3.0 credits (MBA) 2.0 credits (DOC) 4.0 credits (DOC)	2.5 credits 5.0 credits 2.5 credits 5.0 credits
Dental	Semester	2-3 credits 4.0 credits	2.5 credits 5.0 credits
Design	Semester	2.0 credits 3.0 credits 4.0 credits 8.0 credits	2.5 credits 2.75 credits 5.0 credits 10.0 credits
Divinity	Semester	4.0 credits	5.0 credits
Education	Full Year Semester	2.0 credits 4.0 credits	2.5 credits 5.0 credits
Kennedy	Half-semester Semester	2.0 credits 4.0 credits	2.5 credits 5.0 credits

Law	Semester Half-semester Winter Session	1.0 credits 2.0 credits 3.0 credits 4.0 credits 5.0 credits	1.25 credits 2.5 credits 3.75 credits 5.0 credits 6.25 credits
Medical	Full Year Semester	2-3 credits 4.0 credits	2.5 credits 5.0 credits
Fletcher & Friedman (Tufts)	Half-semester	1.5 credits 3.0 credits	2.5 credits 5.0 credits
M.I.T	Half-semester	1-4 credits 5-8 credits 9-12 credits 13-16 credits 18.0 credits[1]	1.7 credits 3.3 credits 5.0 credits 7.0 credits 8.0 credits

[1]Total number of units equals lecture and lab

HARVARD UNIVERSITY The Graduate School of Arts and Sciences	HARVARD T.H. CHAN SCHOOL OF PUBLIC HEALTH
1 credit	1.25 credits
2 credits	2.5 credits
4 credits	5 – 7.5 credits
6 credits	8 – 9 credits
8 credits	10 - 11 credits
10 credits	12 – 14 credits
12 credits	15 – 16 credits
14 credits	17 – 19 credits
16 credits	20 credits

• Environmental Justice • Environmental Epidemiology • Exposures •
• Occupational Health •
• Risk Sciences •

2022 CURRICULUM GUIDE 2023

DEPARTMENT OF ENVIRONMENTAL HEALTH
665 Huntington Avenue, Building 1, Room 1301 | Boston, MA 02115 | 617.432.1270

HARVARD
T.H. CHAN
SCHOOL OF PUBLIC HEALTH
Powerful ideas for a healthier world