



SCHOOL OF  
**PUBLIC HEALTH**



## STUDENT HANDBOOK 2018.2019

GRADUATE STUDENTS

MPH | MS | MA | DUAL DEGREE | GRADUATE CERTIFICATES



**OHSU-PSU School of Public Health  
2018-2019 Handbook for Graduate Students**

This student handbook defines the resources, policies, procedures, and academic rights and responsibilities of MPH, MS, MA, Dual Degree, and Graduate Certificate students enrolled in the OHSU-PSU School of Public Health.

Information in the handbook is updated annually. Please refer to the handbook for the year you entered the School, as it is your programmatic contract. Some institutional information and contacts may change throughout the year; students are advised to check the OHSU-PSU School of Public Health website and online resources referenced throughout this document for the most current information.



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Welcome to the OHSU-PSU School of Public Health!

You are joining two universities with over two decades of excellence in collaborative public health education. We bring together the best of OHSU's expertise in public health and biomedical innovation, and PSU's expertise in public health, social justice, and community engagement, in the form of a fully accredited School of Public Health. I am confident you will find that the quality of our academic programs, breadth and depth of research projects, service to the public health profession, and commitment to the communities we serve, make the OHSU-PSU School of Public Health a great place to make a world of difference.

Earning a graduate degree is an important step in advancing your career. As a student in the OHSU-PSU School of Public Health, you will draw on a vast array of university resources and engage with stellar faculty from both institutions. Through academic programs that are engaged with communities around the state, as well as nationally recognized public health and health systems research programs, you will develop the knowledge, skills, and abilities needed to make a difference in the lives of others. I encourage you to make the most of your educational experience by actively engaging in the classroom, participating in professional opportunities and events that complement your studies, consulting your Faculty Advisor, and taking advantage of available leadership opportunities in the school, universities, and in our communities.

On the pages that follow, you will find a wealth of information about the School of Public Health, our two universities, how to get started, your degree program, and the resources you will need to get the most from your graduate education. If you ever have questions about your path through the program, please do not hesitate to ask.

The faculty, administrators, and staff of the School of Public Health are committed to your success. We, along with the leaders of both OHSU and PSU, value your contributions to the academic community and to the field of public health. If you have questions about the School of Public Health, OHSU, or PSU, or have suggestions for making your educational experience even better, I welcome you to join me for "Coffee with the Dean."

Best wishes to you in your studies and warm regards,

A handwritten signature in black ink, appearing to read "David Bangsberg", is centered below the text. The signature is fluid and cursive.

David Bangsberg, MD, MPH  
Founding Dean  
OHSU-PSU School of Public Health

# I. The School of Public Health – An Overview

The OHSU-PSU School of Public Health (School or SPH) is a partnership between Oregon Health & Science University and Portland State University, and graduate students are students of both universities.

Through the School's leadership, OHSU and PSU work collaboratively to ensure enrollment and student services are strategically aligned. In partnership with PSU, OHSU manages enrollment services for the PhD, MPH, MD/MPH, MS in Biostatistics, and Graduate Certificates, while PSU manages enrollment services for students in the MURP/MPH, MSW/MPH, MA/MS in Health Studies, and all BA/ BS degrees. Enrollment services include matriculation, course registration, financial aid, tuition and fee collection, grade reporting, transcripts, graduation, and diplomas. Student services including access to health services, recreation centers, libraries, and other resource centers are managed jointly between the institutions.

OHSU-PSU School of Public Health (SPH/School) students draw on the resources of both institutions as they pursue their graduate studies:

	Graduate Certificate	MPH	MS	MA	Dual Degree	PhD
Biostatistics	✓	✓	✓			
Community Health						✓
Environmental Systems & Human Health		✓				
Epidemiology*		✓				✓
Health Management & Policy**		✓			✓	
Health Promotion***		✓			✓	
Health Studies			✓	✓		
Health Systems & Policy						✓
Public Health Practice (formerly Primary Health Care & Health Disparities)		✓				
Public Health	✓					

\* MPH, or MD/MPH

\*\* MPH; or MPH/MSW

\*\*\* MPH; MPH/MSW; or MPH/MURP



## Mission, Vision, and Values

### Our Mission

The mission of the OHSU-PSU School of Public Health is to prepare a public health workforce, create new knowledge, address social determinants of health, and lead in the implementation of new approaches and policies to improve population health.

### Our Vision

Through education, research, and community engagement, the SPH is a leader in promoting health and eliminating health disparities in Oregon and beyond.

The OHSU-PSU School of Public Health is an academic partnership that whose values include the following:

**Education** – Excellence in student and faculty education through collaborative leadership and scholarship;

**Science** – Innovative and impactful research conducted with the highest degree of integrity; and,

**Responsibility** – Commitment to health equity through diversity, social justice, and community engagement.



## Goals and Core Competencies

The School strives to implement its vision, mission, and values; create a workforce that is competent in public health practice; and build a Faculty that advances knowledge through population-based research directed toward geographically-defined and other communities of interest. To this end, all educational programs in the School of Public Health are competency-based, and all graduates of the School of Public Health will act ethically and with cultural humility.

### Goals

All School of Public Health graduates will demonstrate their ability to do the following:

- Integrate social determinants into public health science, practice and policy
- Engage with communities to improve population health
- Apply public health knowledge and skills to eliminate health disparities



### *Core Competencies*

Within these overarching goals, master's level students will develop the following specific competencies:

- Apply evidence-based knowledge of health determinants to public health issues
- Select and employ appropriate methods for design, analysis, and synthesis to address population-based health problems
- Integrate understanding of the interrelationship among the organization, delivery, and financing of health-related services
- Communicate public health principles and concepts through various strategies across multiple sectors of the community
- Employ ethical principles and behaviors
- Enact cultural competence and promoting diversity in public health research and practice
- Apply public health knowledge and skills in practical settings

### **Accreditation**

OHSU and PSU are each separately accredited by the Northwest Commission on Colleges and Universities (NWCCU). The OHSU-PSU School of Public Health is fully accredited by the Council on Education for Public Health (CEPH). In addition, the MPH in Health Management & Policy is accredited by the Commission on Accreditation of Health Management Education (CAHME).

### **Administration**

The School is organized by academic programs and disciplines, and is led by program directors who are also faculty members, with the support of staff members.

### **AY 2018-19 Program Directors**

Graduate Program	Degree	Program Director
Biostatistics	Graduate Certificate, MPH, MS	Rochelle Fu, PhD, MS <a href="mailto:fur@ohsu.edu">fur@ohsu.edu</a>
Environmental Systems & Human Health	MPH	Richard Johnson, PhD, MS <a href="mailto:johnsori@ohsu.edu">johnsori@ohsu.edu</a>
Epidemiology	MPH	Janne Boone-Heinonen, PhD, MPH <a href="mailto:boonej@ohsu.edu">boonej@ohsu.edu</a>
Health Management & Policy	MPH MPH/MSW	Julia Goodman, PhD, MPH (Fall 2018) <a href="mailto:julia.goodman@pdx.edu">julia.goodman@pdx.edu</a> Neal Wallace, PhD, MPP (Winter 2018-on) <a href="mailto:nwallace@pdx.edu">nwallace@pdx.edu</a>

Health Promotion	MPH MPH/MSW MPH/MURP	Betty Izumi, PhD, MPH, RD <a href="mailto:izumibet@pdx.edu">izumibet@pdx.edu</a>
Public Health Practice (formerly Primary Health Care and Health Disparities)	MPH	Elizabeth Waddell, PhD <a href="mailto:waddelle@ohsu.edu">waddelle@ohsu.edu</a>
Health Studies: Physical Activity & Exercise	MA/MS	Brad Wipfli, PhD <a href="mailto:bwipfli@pdx.edu">bwipfli@pdx.edu</a>
Public Health	Graduate Certificate	Elizabeth Waddell, PhD, MA <a href="mailto:waddelle@ohsu.edu">waddelle@ohsu.edu</a>

The Office of the Dean is the central administrative unit for the School ((503) 494-8257, [SPH@ohsu.edu](mailto:SPH@ohsu.edu)). Staff coordinate admissions and curricular development, manage administrative functions, and serve as liaisons to the public health and health systems practice communities.

#### Dean's Office Leadership Team

Role	Name and Contact Info
Dean	David Bangsberg, MD, MSc, MS, MPH <a href="mailto:bangsber@ohsu.edu">bangsber@ohsu.edu</a> 229 Gaines Hall, OHSU 450A URBN, PSU
Associate Dean, Academic Affairs	Jill Rissi, PhD, MPA, RN <a href="mailto:rissi@ohsu.edu">rissi@ohsu.edu</a> 231 Gaines Hall, OHSU 670 URBN, PSU
Associate Dean, Finance & Administration	Shelly Wolf, MEd <a href="mailto:wolfsh@ohsu.edu">wolfsh@ohsu.edu</a> 232 Gaines Hall, OHSU
Associate Dean, Student Affairs & Community Engagement	Liana Winett, DrPH, MPH, MCHES <a href="mailto:lwinett@pdx.edu">lwinett@pdx.edu</a> 450M URBN, PSU
Director, Undergraduate Programs	Belinda Zeidler, MST <a href="mailto:zeidlerb@pdx.edu">zeidlerb@pdx.edu</a> 450C URBN, PSU
Director, Assessment & Evaluation	Lisa Hatfield, EdD <a href="mailto:hatfiell@ohsu.edu">hatfiell@ohsu.edu</a> (503) 494-7548 OHSU Gaines Hall, Rm. 234
Director, Strategic Planning and Implementation	Noor Trienekens, MS, MS <a href="mailto:trieneke@ohsu.edu">trieneke@ohsu.edu</a> URBN, PSU

## Dean's Office Staff

Name	Role
Elizabeth Bull Bulle@ohsu.edu, (503) 725-4592 PSU Urban Center, Ste. 450	Finance and Administration Manager
Emily Cartwright cartwrie@ohsu.edu 230 Gaines Hall, OHSU	Executive Assistant to the Associate Deans
Laura Ehrlich Ehrlichl@ohsu.edu, (503) 494-2557 OHSU Gaines Hall, Rm. 233	Graduate Student Services and Registration Specialist
Rachael Godlove Godlove@ohsu.edu, (503) 494-7131 OHSU Gaines Hall, Rm.235	Academic Affairs Coordinator
Josh Hodsden Hodsden@ohsu.edu, (503) 494-1158 OHSU Gaines Hall, Rm. 233	Graduate Admissions and Recruitment Specialist
Holly Moraes moraes@ohsu.edu, (503) 494-8078 230 Gaines Hall, OHSU	Executive Assistant to the Dean
Andrew Wyman wymaa@pdx.edu, (503) 725-4401 PSU Urban Center, Ste. 450	Undergraduate Student Services Specialist

### *Other Governance*

School of Public Health graduate students follow guidelines outlined by both OHSU and PSU. School of Public Health students follow procedures outlined by SPH, the [OHSU Office of Student Affairs](#), and the [PSU Office of Student Affairs](#).

## II. Getting Started

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### Campus Maps

The School of Public Health's classes, administrative offices, and student resources are located across OHSU's Marquam Hill Campus, the South Waterfront Campus, and the Portland State University Campus. Campus maps for [Marquam Hill and the South Waterfront](#) can be found online here, and the [PSU campus map can be found online here](#).

### Parking and Transportation

Parking on at all campus sites is limited. Students are strongly encouraged to use public transportation whenever possible. Free intercampus transportation is available to students with a valid OHSU ID badge via

the Portland streetcar ([portlandstreetcar.org/](http://portlandstreetcar.org/)), OHSU aerial tram ([www.gobytram.com/](http://www.gobytram.com/)), and [OHSU's Marquam Hill Shuttle](#). In addition, transit passes for Trimet buses, MAX trains, and the C-Tran system are available to SPH students at a substantially reduced rate through OHSU's Office of Parking and Transportation.

Both OHSU and PSU have extensive resources to support commuting by bike, including free bike valet parking at the tram ([www.gobybikepdx.com/](http://www.gobybikepdx.com/)), bike racks and lockers on both campuses, bike sharing and repair services, and a cash incentive program through OHSU. Visit OHSU's Parking and Transportation biking [webpage](#) and PSU's Bike Hub ([www.pdx.edu/bikehub/](http://www.pdx.edu/bikehub/)) for more information.

<a href="#">OHSU Transportation &amp; Parking</a>	<a href="#">PSU Transportation &amp; Parking</a>
<p>3310 SW US Veterans Hospital Road Mail Code PP232 Portland, OR 97239</p> <p>Hours: Monday – Friday, 7:00 am – 5:00 pm <a href="mailto:parking@ohsu.edu">parking@ohsu.edu</a> ; (503) 494-8283</p> <p>For rates and parking, visit: <a href="http://ohsu.edu/xd/about/services/transportation-and-parking/parking-at-ohsu/index.cfm">ohsu.edu/xd/about/services/transportation-and-parking/parking-at-ohsu/index.cfm</a></p> <p>Daily and hourly parking can be purchased at onsite pay stations or online via the <a href="#">OHSU Parking Portal</a>.</p> <p>Annual permits are by approval of compelling and/or emergent need only.</p>	<p>1812 SW 6th Avenue PO Box 751 Portland, OR 97207</p> <p>Hours: Monday – Friday, 9:00 am – 5:00 pm <a href="mailto:psupark@pdx.edu">psupark@pdx.edu</a>; (503) 725-3442</p> <p>For rates and parking, visit: <a href="http://pdx.edu/transportation/hourly-visitor-parking">pdx.edu/transportation/hourly-visitor-parking</a></p> <p>Daily and hourly parking can be purchased at onsite pay stations or online via <a href="#">this website</a>.</p> <p>Additional parking information, including term, residential, and overnight permits can be found online <a href="#">here</a>.</p>

## Housing

There are a number of resources available to OHSU-PSU SPH students seeking housing:

- OHSU Housing and Relocation: <https://www.ohsu.edu/xd/about/visiting/housing.cfm>
- OHSU Off-Campus Housing List: <http://pub40.bravenet.com/classified/show.php?usernum=3382318336>
- College Housing Northwest – Non-profit organization that provides student housing: <http://chnw.org/>

In addition, SPH students are eligible to apply for on-campus housing through PSU's Housing Office. Students must have a PSU ID number to apply, and the priority deadline for fall of the following year is May 1.

- PSU Graduate Housing: <https://www.pdx.edu/housing/graduate-students>

- University Pointe, PSU's housing partner: <https://www.americancampus.com/student-apartments/or/portland/university-pointe-at-college-station>

## Campus Safety

OHSU and PSU have Public Safety Offices dedicated to providing assistance in cases of emergency or when safety and security concerns arise. Both offices maintain central communications centers that are staffed 24 hours a day, 7 days a week. *Students should enter emergency contact information for both Public Safety offices into their mobile phones, and should enroll for emergency alerts from both universities.*

<a href="#"><u>OHSU Office of Public Safety</u></a>	<a href="#"><u>PSU Office of Public Safety</u></a>
<p>Emergency on Campus: (503) 494-4444  Non-emergency: (503) 494-7744  <a href="mailto:pubsafe@ohsu.edu">pubsafe@ohsu.edu</a></p> <p><a href="#"><u>OHSU Alert:</u></a>  <a href="https://o2.ohsu.edu/emergency-management/alerts/index.cfm">https://o2.ohsu.edu/emergency-management/alerts/index.cfm</a></p>	<p>Campus Emergency: (503) 725-4404  Non-emergency: (503) 725-4407  <a href="mailto:cpsa@pdx.edu">cpsa@pdx.edu</a></p> <p><a href="#"><u>PSU Alert:</u></a>  <a href="https://www.pdx.edu/emergency-management/psu-alert-emergency-notification-system">https://www.pdx.edu/emergency-management/psu-alert-emergency-notification-system</a></p>

## Background Checks

Consistent with the [OHSU Background Check Policy No. 03-10-011](#), all SPH graduate students are required to complete a background check. The background check is conducted by an outside vendor, paid for by the incoming student, and may take several days to several weeks to complete. Background check details are confidential and remain with the independent security vendor; only "Approved" or "Not Approved" results are communicated to SPH administration.

## Immunizations

All School of Public Health students must be immunized. OHSU verifies that all students have received the complete recommended series of childhood vaccines and adult boosters for major infectious diseases. Immunizations are available through county health offices and students' personal health care providers; student health services at OHSU and PSU do not offer pre-entrance vaccinations.

Failure to provide proof of immunizations within 30 days of matriculation will result in a student being restricted from registering or attending class. (See [OHSU Policy 02-90-010](#)). Students must remain in immunization compliance for the duration of their enrollment. A summary of immunization requirements is available on [here](#) on OHSU's Joseph B Trainer Health & Wellness Center website. For pre-entrance or annual immunization related questions, email [askjbtRN@ohsu.edu](mailto:askjbtRN@ohsu.edu).

## University Credentials: ID Badges, Network Access, and Email Accounts

School of Public Health graduate students have access to electronic networks and resources at both OHSU and PSU. SCHOOL OF PUBLIC HEALTH Graduate students receive ID badges and network credentials from both institutions.



### *OHSU ID Badge*

An OHSU ID badge is required for entry to certain buildings and areas, including the Campus Services Building after hours, the SPH computer lab (CSB 620), and OHSU's library (Biomedical Information Communications Center, or "BICC").

Students may pick up their OHSU ID badges at OHSU's New Student Orientation, provided they have completed all onboarding requirements, including background check, photograph, online training modules, and immunizations. A government-issued photo ID and student badge request form are required. After Orientation, new and replacement ID badges may be obtained from OHSU's Office of Transportation and Parking. The first student identification badge is issued at no cost to the student; students will be charged for replacement badges.



### *PSU ID Badge*

A PSU ID card permits access to PSU's Millar Library, the Academic and Student Recreation Center (ASRC), the Portland Streetcar, and to campus buildings locked to non-students or before/after hours.

Students are encouraged to pick up their PSU ID badges at the SPH New Student Orientation. A government-issued photo ID is required. After Orientation, new and replacement ID badges may be obtained through [PSU ID Services](#), temporarily located in the [Western Hemlock trailer pod](#), south of Shattuck Hall. The first student identification badge is issued at no cost to the student; students will be charged for replacement badges.

### *Network Access*

School of Public Health graduate students receive network credentials from both OHSU and PSU. Network credentials grant students their @ohsu.edu and @pdx.edu email addresses, and permit them to access technological systems, services, and supports at both universities. These include computer applications and computer lab log-in privileges, online course management platforms (Sakai at OHSU; D2L at PSU), file sharing systems (Box at OHSU and Google Drive at PSU), and online holdings at both libraries. It is essential that students set up and activate their network accounts at both universities prior to beginning their programs so that access to all required systems is available.

OHSU's [Information Technology Group](#) (ITG) generates and maintains OHSU network accounts and access. OHSU network credentials are sent to the student's personal email address by ITG 30 days prior to the beginning of their first term.

PSU's [Office of Information Technology](#) (OIT) oversees students' PSU ODIN accounts, in partnership with the PSU Registrar's Office. PSU network credentials are sent to the student's personal email address by the [PSU Registrar's Office](#).

## **Communications**

### *Email*

School of Public Health graduate students have email accounts at both OHSU and PSU. It is very important that students check both accounts regularly; these are the only email addresses the universities and School will use to communicate with students, including important updates about network security and compliance.

### *School of Public Health Website*

The School of Public Health website is [www.ohsu-psu-sph.org](http://www.ohsu-psu-sph.org), and is our primary source for information on academic programs, policies, procedures, people, events, courses, job and internship opportunities, and more. The site includes an integrated academic calendar and course directory, combining information from both universities' course schedules. The website also catalogs School of Public Health student handbooks and forms.

### *Student Listserv*

New graduate students are automatically subscribed to the SPH Graduate Student listserv. Announcements and information about SPH events, job and internship opportunities, class offerings, health-related seminars, fellowships, school club activities, and other items of interest are regularly posted to the listserv. The listserv is managed by the Dean's Office; to post items, send them to [sphcomms@ohsu.edu](mailto:sphcomms@ohsu.edu). Personal postings, solicitations, and other items not directly relevant to academic programs or public health issues will not be circulated.

### *Social Media*

Follow the School of Public Health on social media:

Twitter: [publichealthpdx](#)  
Instagram: [publichealth\\_pdx](#)  
Facebook: [facebook.com/SLCPublicHealthPDX/](https://facebook.com/SLCPublicHealthPDX/).

## **Registrar's Offices – Enrollment Services**

The [PSU Registrar's Office](#) manages enrollment services, including official course schedules, course registration, grade reports, and official transcripts and student records for students in the following programs: MA/MS Health Studies; and MPH/MSW and MPH/MURP dual degrees.

The OHSU [Registrar's Office](#) manages enrollment services, including official course schedules, course registration, grade reports, and official transcripts and student records, for students in PhD, MPH, MD/MPH, MS in Biostatistics, and Graduate Certificate programs.

### *Contact Information*

(503) 725-3220; [registrar@pdx.edu](mailto:registrar@pdx.edu)  
Hours: Mon – Thurs, 9:00 am – 5:30 pm;  
Fri 9:00 am – 5:00 pm  
Location: [Western Hemlock Trailers](#), Space 21

### *Contact Information*

(503) 494-7800; [regohsu@ohsu.edu](mailto:regohsu@ohsu.edu)  
Hours: Mon – Fri, 7:30 am – 4:00 pm  
Location: Mackenzie Hall Room 1120



## Establishing Residency

Students whose enrollment services are managed by PSU follow the [PSU Residency Requirements](#). Students whose enrollment services are managed by OHSU follow the [OHSU Residency Policy](#) 02-10-010.

## Tuition & Fees

Tuition rates and fee amounts are approved by the universities prior to the beginning of each academic year and are published through the [School](#). Students are billed by the university that manages their enrollment. Student fees include charges for major medical and dental insurance (See PSU [Student Health Insurance Information](#) and [Student Health Insurance Plan](#); and [OHSU Student Health Insurance Plan](#).)

Occasionally, students may obtain permission to take a course outside the School of Public Health. Courses outside the SPH may be billed at a different per-credit tuition rate than that charged by the student's academic program. Students are responsible for the billed cost of these courses.

## Refund Policy

Refunds may be granted to students in accordance with the OHSU's [Academic Tuition and Fees Refund Schedule](#) or PSU's [Tuition Refund Schedule](#), depending upon the university through which students enroll. Notification of withdrawal or cancellation and request for refund must be in writing and addressed to the appropriate Registrar. An appeals process is available for students who believe their circumstances warrant exceptions to the published policy.

## Cashier's Offices

The PSU [Cashier's Office](#) disburses financial aid, processes payments to student accounts, and oversees direct deposits of financial aid refunds for students whose enrollment services are managed by PSU.

### Contact Information

503 725-3440; [cashiers@pdx.edu](mailto:cashiers@pdx.edu)  
Hours: Mon- Thurs, 9:00 am – 5:30 pm  
Location: [West Hemlock Trailer Pod](#)

The OHSU [Cashier's Office](#) disburses financial aid, processes payments to student accounts, and oversees direct deposits of financial aid refunds for students whose enrollment services are managed by OHSU.

### Contact Information

503 494-8243; [cashiers@ohsu.edu](mailto:cashiers@ohsu.edu)  
Hours: Monday – Friday, 8:00 am – 3:30 pm  
Location: Marquam Plaza; 2525 SW Third Ave

## Offices of Financial Aid

PSU's Office of Financial Aid administers financial aid for students whose enrollment services are managed by PSU. Students should submit their Free Application for Federal Student Aid (FAFSA) to the [PSU Office of Student Financial Aid & Scholarships](#) to be considered for aid. *The PSU federal school code is 003216.*

### Contact Information

(503) 725-3461; [askfa@pdx.edu](mailto:askfa@pdx.edu)  
Hours: Mon – Fri 9:00 am – 5:00 pm  
Location: Western Hemlock Trailer Pod, Space 25

OHSU's Office of Financial Aid administers financial aid for students whose enrollment services are managed by OHSU. Students should submit their Free Application for Federal Student Aid (FAFSA) to the [OHSU Office of Student Financial Aid](#) to be considered for aid. *The OHSU federal school code is 004883.*

**Contact Information**  
(503) 494-7800; [finaid@ohsu.edu](mailto:finaid@ohsu.edu)  
Hours: Mon – Fri 7:30 am – 4:00 pm  
Location: Mackenzie Hall, Room 1120

## Course Descriptions and Schedules

Graduate courses are held on the OHSU Marquam Hill Campus, the South Waterfront Campus, the PSU campus, and online through both OHSU and PSU. Course descriptions and an integrated SPH Course Schedule can be found on the SPH website at <https://ohsu-psu-sph.org/course-directory/>. The host campus for all SPH courses is noted on the SPH Course Schedule.

Time, day, and location details for SPH and non-SPH courses hosted by PSU are published in PSU's Searchable Course Schedule at [https://banweb.pdx.edu/pls/oprd/bwckschd.p\\_disp\\_dyn\\_sched](https://banweb.pdx.edu/pls/oprd/bwckschd.p_disp_dyn_sched).

Time, day, and location details for SPH and non-SPH courses hosted by OHSU are published in OHSU's Searchable Course Schedule at [https://sisweb.ohsu.edu/SISPRD/bwckschd.p\\_disp\\_dyn\\_sched](https://sisweb.ohsu.edu/SISPRD/bwckschd.p_disp_dyn_sched).

## Course Registration

Detailed information about accessing course information and registering for classes is sent to students in advance of registration each term, via the SPH graduate student listserv. Please see the chart below for a summary.

### *Regular Registration*

OHSU and PSU both use secure online enrollment management systems through which students can register for classes; view their class schedules, grades, and unofficial transcripts; and review charges and make online payments. PSU's enrollment management system is known as Banweb. OHSU's enrollment management system is known as the Student Information System, or SIS.

Students whose enrollment services are managed by PSU will always register for coursework through PSU's [Banweb](#) using their PSU ODIN account credentials, *regardless of a course's host campus*.

Students whose enrollment services are managed by OHSU will always register for coursework through OHSU's [Student Information System](#) using their OHSU login information, *regardless of a course's host campus*.

### *Additional Registration Procedures*

Registration for certain courses requires additional approvals and/or procedures.

- ☐ Electives not listed on a program's recommended electives list require approval by the student's faculty advisor. Program requirements vary and students should consult their program's information in the appendices of this handbook.

SPH Registration Guide		I register through OHSU’s SIS, and my program is...		I register through PSU’s Banweb, and my program is...
		Certif Public Health Certif Biostats MS Biostats MPH Biostats MPH Env Systems & HH MPH Epidemiology MPH Public Hlth Practice PhD Epidemiology MD/MPH	MPH Health Promotion MPH Hlth Mgmnt & Policy PhD Community Health PhD Health Syst. & Policy	MPH Health Promotion MPH Hlth Mgmnt & Policy PhD Community Health PhD Health Syst. & Policy MPH/MSW MPH/MURP MA/MS Hlth Studies
The course I want to register for is...	SPH Course hosted by OHSU	Regular registration	Regular registration	Special Registration; No signatures required
	Non-SPH Course hosted by OHSU	Special Registration Signatures required: <ul style="list-style-type: none"><li>Course Instructor</li><li>Program Director, <i>unless course is part of program’s pre-approved program of study.</i></li></ul>	Special Registration Signatures required: <ul style="list-style-type: none"><li>Course Instructor</li><li>Faculty Advisor, <i>unless course is part of your program’s pre-approved program of study.</i></li></ul>	Special Registration Signatures required: <ul style="list-style-type: none"><li>Course Instructor</li><li>Faculty Advisor, <i>unless course is part of program’s pre-approved program of study.</i></li></ul>
	Non-SPH course hosted by PSU	Special Registration Signatures required: <ul style="list-style-type: none"><li>Course Instructor</li><li>Program Director, <i>unless course requested is part of program’s pre-approved program of study.</i></li></ul>	Special Registration Signatures required: <ul style="list-style-type: none"><li>Course Instructor</li><li>Faculty Advisor, <i>unless course requested is part of program’s pre-approved program of study.</i></li></ul>	Regular registration
	SPH course hosted by PSU	Regular registration	Regular registration	Regular registration

- ☐ Independent study courses (e.g. "By Arrangement," "Reading and Conference," etc.) are designed to meet specific learning needs of the student(s) when the instructional content is not addressed in an available course. They should be jointly planned by the student and faculty member, and must be approved by the program director prior to registration. Students should contact their faculty advisor to discuss their interest in an independent study.
- ☐ Registration for practica, internships, or the Integrative Learning Experience (ILE) requires the approval of the student's ILE Faculty.
- ☐ Some courses must be requested via Special Registration; students cannot register for these courses on their own. Courses requiring Special Registration vary according to the student's academic program; see chart below. Special Registration is available to students during the first three weeks of the registration period and is accomplished by submitting a Registration Request, along with all

required approvals, to [sphregistration@ohsu.edu](mailto:sphregistration@ohsu.edu). Detailed Special Registration instructions are sent to students via the graduate student listserv prior to registration each term. Students should refer to the recommended program of study presented in the appendices of this handbook, and consult their faculty advisor or program director for additional guidance.

### **Textbooks and Course Materials**

Lists of required and recommended texts are posted to the SPH website on the graduate [Course Directory](#) page. Click on the → Textbooks link below the relevant term.

Students may access text material assigned to courses hosted by OHSU or OHSU online through the [OHSU Library](#), or by purchasing through outside vendors. OHSU does not have a traditional bookstore. Students may purchase or rent texts assigned to courses hosted by PSU or PSU online through the [PSU Bookstore](#).

### **Online Course Management Systems (Sakai and D2L)**

[Sakai](#) is the course management system at OHSU and which supports courses hosted by OHSU. School of Public Health students use their OHSU credentials to log in to Sakai.

[Desire to Learn](#) (D2L) is the course management system at PSU, and which supports courses hosted by PSU. School of Public Health students use their PSU credentials to log in to D2L.

### **Student Health Insurance**

All School of Public Health students, with the exception of students in the Graduate Certificate in Public Health program, are required to carry health and dental insurance, and will be automatically enrolled in either the PSU student health insurance plan (for students whose enrollment services are managed by PSU) or OHSU's University Sponsored Health Insurance Plan (for students whose enrollment services are managed by OHSU).

Graduate students with equivalent health insurance coverage may submit an insurance waiver application. Information and deadlines can be found at the OHSU [Joseph B. Trainer Health & Wellness Center](#) (JBT) website and PSU's [Center for Student Health and Counseling webpage](#).

### **Student Health Services**

Student health services, from routine primary and preventive care services to behavioral health services, are offered through clinics at both OHSU and PSU. School of Public Health students whose enrollment services are managed by PSU receive student health services through PSU's [Center for Student Health & Counseling](#) (SHAC). School of Public Health students whose enrollment services are managed by OHSU must choose whether to receive services at OHSU's [Joseph B. Trainer Health & Wellness Center \(JBT\)](#) **or** PSU's [Center for Student Health & Counseling](#) (SHAC). Students in this group who do not select a health services provider will default to JBT. *This election can only be made once a year, and will remain in effect fall through summer terms.* Students should carefully review the services each clinic offers by visiting the [JBT](#) and [SHAC](#) webpages, and make their selection following instructions sent to them by SPH staff.

The [Joseph B. Trainer Health & Wellness Center](#) at OHSU offers students and their adult dependents a wide range of health and wellness services, including primary and preventive care and behavioral health services. Direct non-urgent scheduling requests, general inquiries, or Student Health Insurance Plan questions to [askjbthealth@ohsu.edu](mailto:askjbthealth@ohsu.edu)

*JBT Health & Wellness Center (503) 494-8665*  
Hours: Mon - Fri 8:30 am – 4:30 pm  
Location: 3181 SW Sam Jackson Park Road  
Baird Hall, room 18 (Primary Care), and  
room 6 (Counseling and Wellness Services)

The Portland State University [Student Health and Counseling Center](#) (SHAC) is a community-based health care organization that provides high quality, accessible mental health, physical health, dental, and testing services targeted to the needs of the student population. Immunizations are not provided by SHAC.

*PSU SHAC (503) 725-2800*  
Hours: Mon - Fri 9:00 am – 5:00 pm  
Location: 1880 SW 6th Avenue  
University Center Building

### III. Academic Degree Requirements

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#### Coursework, Curricula, and Competencies

Coursework, curricula, competencies, and any additional requirements for specific programs are located in the appendices at the end of this handbook.

#### Biostatistics Comprehensive Exam

The Biostatistics Comprehensive Exam is a degree requirement for students in the MPH Biostatistics and MS Biostatistics programs. The exam has two sections: a written section and a lab section. For more information, refer to the program appendices in this handbook.

#### Certified in Public Health Exam

Students in all MPH programs are required to pass the [Certified in Public Health](#) (CPH) exam, which is offered through the [National Board of Public Health Examiners](#) (NBPHE) and tests knowledge in the core and cross-cutting areas of contemporary public health. The initial exam fee is paid by the School of Public Health. Registration and all costs for subsequent exams are the responsibility of the student.

Study resources, information about registering for and scheduling the exam, and SPH procedures are provided at [ohsu-psu-sph.org/index.php/students/cph-exam/](https://ohsu-psu-sph.org/index.php/students/cph-exam/). Effective January 1, 2019, the CPH exam will follow a [new content outline](#). Study materials for the new exam will be available in Fall 2018.

Students who require a disability accommodation for the exam should contact the [Office of Student Access Services at OHSU](#) or the [Disabilities Resource Center at PSU](#) to complete the request process.

MPH students are eligible to take the exam upon completion of the core courses, or upon successful completion of four of the core courses, with the final course in-progress. Students are strongly encouraged to complete all five core courses early in their program of study, preferably within the first year, and take the exam as soon as they are eligible to do so.

Students are limited to two attempts to pass the CPH exam. A student who does not pass the exam on the first attempt must:

- ☐ Notify the student's faculty advisor and program director, and meet to discuss detailed exam results. Together, they will identify areas needing improvement and develop an individualized and supervised plan to prepare to retake the exam; and
- ☐ Allow for a minimum of three months before re-taking the CPH exam in order to plan for targeted study.

### **Interprofessional Experience Seminar**

Interprofessional education occurs when students from two or more professions learn about, from, and with each other to enable effective collaboration and improve health outcomes. The Interprofessional Experience (IPE) seminar is a requirement for all MPH degree programs, and is met in different ways in different programs. The MPH programs in Epidemiology and Biostatistics require a 2-credit inter-professional course, UNI 504 Qualitative Methods for Health Professionals. Students in other MPH programs may select a 1-2 credit inter-professional course from a list of approved IPE classes. For more information about the IPE, please see [https://ohsu-psu-sph.org/ipe\\_ape\\_ile/](https://ohsu-psu-sph.org/ipe_ape_ile/).

### **Applied Practice Experience Seminar**

The 1-credit Applied Practice Experience (APE) seminar is required for all MPH degree programs and supports students in developing a portfolio that demonstrates attainment of competencies that align with their career interests. The APE Seminar is graded P/NP. The practice experiences included in the portfolio usually precede registration for the APE Seminar, but may occur during the term in which students are registered for the seminar. Examples of curriculum-based applied practice experiences include a practicum or internship, course assignment or activities that involve a community-based organization, and activities linked to service learning. In addition, activities that are undertaken outside of the educational setting, but which complement what is learned in-class, may qualify as an APE. Examples of such extra-curricular activities may include community service and volunteer opportunities.

As students proceed through MPH training, they may accrue multiple APEs. In order to track these various experiences, students should keep a record of their curriculum-based and other applied practice experiences. Students must submit an online intent form for the APE seminar, and must list their experiences as part of the submission. For more information about how to engage in an applied practice experience, and how and when to enroll in the APE Seminar, please see [https://ohsu-psu-sph.org/ipe\\_ape\\_ile/](https://ohsu-psu-sph.org/ipe_ape_ile/).

### **Integrative Learning Experience**

The 4-credit Integrative Learning Experience (ILE) is a degree requirement for all MPH programs, and is graded (A-F). The ILE is an opportunity for students to synthesize competencies that align with their interests and career goals. The ILE requirement may be met in a variety of ways, including through research projects, practical application of knowledge and skills to current public health issues, or by working with preceptors at organizations outside of the SPH, such as local or state health departments, research centers, or community-based organizations. During the ILE, students create a substantial written product that is appropriate for their educational and professional objectives, as well as complete other required assignments.

Students should work with their faculty advisor and the ILE faculty to develop their ILE project. Because it is intended to integrate knowledge, skills, and abilities gained across the curriculum, students must have completed at least 42 credits, including all core courses, before enrolling in the ILE. Thus the ILE should occur toward the end of the overall program of study. For more information about the ILE, please see [https://ohsu-psu-sph.org/ipe\\_ape\\_ile/](https://ohsu-psu-sph.org/ipe_ape_ile/).

## IV. Academic and Student Policies and Procedures

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### Educational Records Privacy

The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA affords students certain rights with respect to their educational records, including the right to inspect and review their education records within 45 days of making such request; the right to request the amendment to education records the student believes are inaccurate; the right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent; and the right to file a complaint with the U.S. Department of Education concerning alleged failures by a university or college to comply with FERPA requirements. FERPA authorizes the university to make public disclosure, upon request, of Student Directory Information. Students may request non-disclosure of Directory Information. To make such a request;

- ☐ OHSU – complete the [Request to Restrict Directory Information](#) Form and return it using the instructions on the form.
- ☐ PSU - complete the [Student Records Privacy Request](#) form and return it to the PSU Office of the Registrar. Students must show a PSU photo ID along when submitting the form.

### Advising

Each graduate student is paired with a faculty advisor. Faculty advisors help students identify academic and career goals, recommend elective courses and professional experiences that support those goals, and assist students with navigating their programs of study. Advisors also act as career mentors, and provide assistance with finding answers to specific questions or programmatic issues.

Students should meet with their faculty advisor within the first term of enrollment to develop an overall program of study and discuss opportunities that will support their professional development. Thereafter, it is in the student's best interest to connect with their faculty advisor once each quarter, to assure adequate progress toward degree.

Students maximize the benefits of advising by:

- ☐ Contacting their faculty advisor at least once per quarter (electronically or in person);
- ☐ Regularly monitoring both university email addresses for programmatic or institutional notices and important communication about progression through the program; and
- ☐ Immediately informing their faculty advisor regarding changes of registration status or problems that could affect progress to degree.



A student may change faculty advisors by informing the assigned advisor of the desire to do so and by finding another SPH faculty member who agrees to assume the advisor role. Once all agreements have been reached, the student must inform the program director of the change.

### **Minimum Course Grade Requirements**

School of Public Health students must

- ☐ Earn a grade of “B-” or higher in all core required and program required courses;
- ☐ Repeat any core or required course for which a grade lower than a “B-” is earned; and,
- ☐ Complete all elective credits with no grade lower than a “C,” and no more than two “C” or “C+” grades.

### **Course Repeat Policy**

Core and program-required courses in which a student has earned a grade of “C+” or lower must be repeated. When repeating a course, students must re-register for the course, and will be charged the associated tuition and fees. Tuition and fees will not be waived. Elective courses may not be repeated.

### **Academic Standing**

#### *Good Standing*

Graduate students are expected to be in good academic standing throughout their studies. Good standing is defined in graduate programs as maintaining a minimum cumulative grade point average (GPA) of 3.0.

#### *Academic Warning*

Academic Warning serves as an early alert and intervention system for students who are not meeting academic expectations and/or who are at risk of falling out of good standing. The warning provides the program director and faculty advisor and opportunity to intervene early and provide assistance.

#### *Academic Probation*

A graduate student whose cumulative GPA falls below 3.0 (based on completion of 9 or more credits following admission) will be placed on Academic Probation. Students may also be placed on Academic Probation for academic policy or conduct violations.

### **Academic Dismissal**

A student meeting any of the following criteria may be academically dismissed from the School:

- Failure to achieve a cumulative graduate GPA of 3.00 or higher within the next 9 letter-graded graduate credits after beginning academic probation status
- Placement on Academic Probation for any reason for a second time;
- Failure to pass the CPH Exam after two attempts;
- Receipt of a grade lower than a “B-” when repeating a required course;
- Having a cumulative GPA that makes it mathematically impossible to reach the minimum 3.0 GPA requirement;

- Failure to meet other requirements for degree program completion; or
- Violations of policy and/or engagement in proscribed conduct.

For more information about the dismissal and appeals process see [OHSU Policy 02-30-050](#) (for students whose enrollment services are managed by OHSU), or [PSU Policy on Academic Standing](#) (for students whose enrollment services are managed by PSU).

### **Academic Dishonesty**

Students are expected to complete their own coursework at all times. In most cases, plagiarism and other forms of academic dishonesty will result in the grade of zero for the work involved and may result in the grade of “F” for the course and/or referral to SPH administration.

### **Student Codes of Conduct**

OHSU and PSU each have Student Codes of Conduct describing expected standards of behavior and behavior that may be subject to disciplinary action. School of Public Health students are expected to adhere to the policies of both Codes. They can be found [here](#) (OHSU) and [here](#) (PSU).

### **Transfer of Credit Policy**

Graduate degree and certificate program students may transfer up to 1/3 of the required number of credits for the degree or certificate, from courses taken at another institution.

Students are encouraged to request consideration of transfer credit as early as possible after admission. All transfer credits will be converted and applied as quarter-system credits, as applicable, and all requests must meet the following requirements:

- ☐ Credit must have been earned at an institution that is formally accredited (or recognized for foreign institutions) by an appropriate agency
- ☐ Must be graded A-F, not Pass/No Pass or similar grading method
- ☐ Earned minimum letter grade of “B”
- ☐ Credits must not be used for any other degree or certificate at any institution
- ☐ Must be no older than seven years at the time of SPH admission, for students who register through OHSU
- ☐ Must be no older than seven years at the time of degree conferral, for students who register through PSU
- ☐ Course must be graduate level

In addition to SPH guidelines, students seeking to transfer credits earned at other institutions to their OHSU-PSU School of Public Health degree should review additional information about credit transfer of credit guidelines for [OHSU](#), and [PSU](#) as applicable.

### **Pre-Admission Credits**

Students may apply up to 12 graduate (500-level or above) credits of SPH curricula taken at OHSU or PSU prior to their admission toward their graduate degree or certificate.

## Course Waiver Policy

Waiver of a core or required course may be requested based on the student having obtained substantively similar knowledge and skills through means other than formal coursework. Course waiver requests are reviewed and approved on a case-by-case basis, at the discretion of the program director. Waiver of a specific course waives only the requirement to complete the course, but *does not* waive or reduce the credits that would otherwise be required. Credits associated with a waived course must be earned through additional elective coursework.

## Incomplete Coursework

The grade of 'I' (Incomplete) is assigned when a student's work is of passing quality and meets the following criteria:

- Satisfactory course completion/participation: The student must have successfully completed the majority of the course work at the time the Incomplete is requested, with a minimum grade of a B- up to that point.
- Reasonable justification for request: Incompletes are granted for unanticipated events beyond the control of the student (e.g., serious illnesses, emergencies). Reasons for assigning the Incomplete must be acceptable to the instructor; a student does not have the right to demand an Incomplete.
- Written agreement: A written agreement will be signed by both the instructor and student. The document will specify a) the remaining work to be completed, b) the highest grade which may be awarded upon submission of remaining items, and c) the date by which the missing work is due, according to the Deadlines for Completion (below). The Incomplete agreement form can be found on the SPH website here: <https://ohsu-psu-sph.org/graduate/handbooks-policies-forms/>.

Additional guidelines:

- The Incomplete grade may not be used to create the opportunity for special or additional work in order to raise a poor grade.
- Instructors may not allow students to “sit in” on an entire future course in order to resolve the Incomplete grade. If the student needs to retake the entire course, they will be given the grade presently earned, and must formally register for the future class they will be attending.
- Failure to resolve the incomplete by the deadline will result in the automatic assignment of a letter grade of F.

### *Deadlines for Completion*

The deadlines for resolution of an Incomplete differ by degree program. Students who register through OHSU must resolve the incomplete by the end of the following term. An instructor may set a shorter timeframe. Students may request an extension to the one-term time frame; requests must be approved by the student's program director.

Students who register through PSU must resolve the incomplete within one calendar year. A full explanation of PSU guidelines for assigning an “I” can be found [here](#). Assignment of an Incomplete grade is at the discretion of the course instructor, and the instructor may set a shorter timeframe. Requests for an

extension may be submitted to the program director, and must also be reviewed by the PSU Graduate Council.

### **International Travel and Coursework**

International placements earning academic credit will be addressed and authorized on a case-by-case basis. All materials and applications must be submitted at least one full term (two terms are recommended) in advance of departure for the planned placement. All students considering an international placement should meet with their faculty advisor and Integrative Learning Experience faculty or coordinator well in advance to go over necessary paperwork and procedures. Processes begun after that point may not receive necessary approvals in time.

In addition to the Application & Learning Contract, the student must submit the following:

- [Risk Management Off Campus Authorization Form](#)
- [Office of International Services Travel Screening submission](#)

Students must also schedule and complete a Pre-Travel Consultation Appointment at JBT Health & Wellness and have met the [Student Health Travel](#) requirements regarding immunizations.

OHSU Global provides education and travel preparation for students who wish to complete a portion of their graduate degree, including the field experience, abroad. School of Public Health students are encouraged to complete an overseas pre-travel training course prior to travel. To register for pre-travel training coursework, SPH students should contact OHSU Global at [ohsuglobal@ohsu.edu](mailto:ohsuglobal@ohsu.edu).

### **Continuous Enrollment**

Students must be registered for credit each regular academic term (fall, winter, spring) until graduation, except for periods in which they are absent for an approved Leave of Absence. Registering for a minimum of 1 credit per term during the regular academic will constitute continuous enrollment. Registration during the summer term is not required to meet the university's continuous enrollment requirement, but may be required by the student's academic program. Failure to register without an approved Leave of Absence may result in administrative withdrawal from the student's program.

### **Leave of Absence**

A Leave of Absence (LOA) may be requested should a student need to temporarily interrupt their studies to accommodate educational goals or extenuating circumstances. A LOA will be granted for all students called to active duty in the US military. Medical leaves of absence may also be granted with a medical affidavit. A student must be in good standing in order to be permitted to take a LOA. Leaves of Absence should also be discussed with the faculty advisor, so s/he is aware of the student's plans and trajectory.

Students who register through PSU follow [PSU Leave of Absence](#) policies and processes. The Graduate Leave of Absence Request form can be found [here](#). It must be submitted to [PSU's Office of Graduate Studies](#) no later than the Friday of the second week of the term for which the leave of absence should take effect.

Students who register through OHSU follow the [OHSU Voluntary Leave of Absence & Withdrawal policy](#) (02-70-030). The Withdrawal or Leave of Absence Form is available on the [Handbooks, Policies, and Forms](#) page the SPH website and the [Registrar's](#) website. The LOA request form must be submitted to the OHSU

Registrar's Office no later than the Friday of the second week of the term for which the leave of absence should take effect. A student can request a leave of absence for a maximum of one year (three terms, excluding summer). Extensions beyond a year require a student to complete a new leave of absence request, and approval is not guaranteed. Students who wish to initiate a leave of absence during a term in-progress should first contact their program director.

Students whose LOA request and return is due to a **medical condition** or for **US military service** should review carefully the difference in procedures outlined in OHSU's [Voluntary Leave of Absence & Withdrawal Procedure](#) document.

### *Student Responsibilities*

- ☐ Students are responsible for understanding the implications of a Leave of Absence for financial aid, health insurance, and progress toward the degree.
- ☐ International students are responsible for consulting either OHSU's [Office of International Affairs](#) (for OHSU registering students) or PSU's [Office of International Affairs](#) (for PSU registering students) to understand the visa implications of interrupting studies.
- ☐ Students are responsible for notifying the SPH should plans change. The School may administratively withdraw a student from a program if a student does not return by the date stated on the Leave of Absence form.

### **Withdrawal Policy**

*Withdrawal from a term in-progress*, or from the SPH entirely, is usually initiated by the student. Students who wish to withdraw from a course should be aware of add, drop, and withdraw processes and deadlines established by the [OHSU Registrar's Office](#) (for students whose enrollment services are managed by OHSU), or [PSU's Registrar's Office](#) (for students whose enrollment services are managed by PSU).

Students who wish to withdraw from a term in-progress should first meet with their faculty advisor for guidance through process. The student should also notify his/her program director, in writing. The student should then communicate his/her desire to withdraw to the Graduate Registration Specialist at [sphregistration@ohsu.edu](mailto:sphregistration@ohsu.edu).

Should a student wish to fully withdraw from the university, s/he should also meet with the faculty advisor, and then contact the Graduate Registration Specialist for guidance through process.

Administrative withdrawals are initiated by the Program or university and can occur as a result of disciplinary action, or when a previously enrolled student does not return from a Leave of Absence or fails to meet the requirements for continuous enrollment.

Students who withdraw from the program voluntarily or by the administrative withdrawal process must apply for readmission in order to resume their studies.

### **Degree Completion Timeframe**

Students in master's level programs who register through OHSU must complete their degree requirements within six years of matriculation. Students in graduate certificate programs must complete their degree requirements within four years of matriculation.

Students in master's level programs who register through PSU must complete their degree requirements such that no coursework applied to the degree is older than seven years at the time the degree is awarded.

### **Academic Grievance Policy**

The School of Public Health encourages conflict resolution directly between the parties involved and supports the use of informal mechanisms whenever possible. In general, a student with a grievance or disagreement about an issue should first discuss it with the person or persons immediately involved, attempting to resolve the issue in a polite and professional manner. Recognizing that there may be instances where the student does not feel comfortable speaking directly to the party involved, or if such discussion does not resolve the issue, the student may ask their faculty advisor or program director to intercede. The faculty advisor or program director will meet with all involved parties and attempt to reach resolution.

If informal methods of resolving the issue prove unsuccessful, the student may appeal the issue to the SPH Dean by submitting a written complaint explaining the grievance. At the Dean's discretion, the complaint may be delegated to the Associate Dean for Academic Affairs.

For more information see the institutional student grievance policies: [here](#) (OHSU) and [here](#) (PSU).

### **Degree and Certificate Conferral**

Degrees and certificates are reviewed and conferred every term, upon the successful completion of all academic requirements and after all obligations to OHSU, PSU, and the SPH have been fulfilled. Students should review their degree audit with their faculty advisor. While the advisor can provide academic guidance, it is ultimately the student's responsibility to ensure that they have met all degree or certificate requirements (including course, GPA, credit, and program-specific requirements).

Students enrolled in a dual degree, such as the MPH/MSW or MPH/MURP, will have their MPH degree conferred upon completion of the requirements of both programs.

#### *Application for Degree*

Students must apply to graduate in order to receive their degree.

- ☐ Students whose enrollment services are managed by PSU must apply to graduate through Banweb at least one term prior to completing degree requirements, and pay the PSU graduation fee.
- ☐ Students whose enrollment services are managed by OHSU must apply to graduate through SIS one term prior to completing all degree requirements, and pay the OHSU graduation fee.
- ☐ Students whose enrollment services are managed by OHSU, and who are completing more than one SPH degree or certificate, must submit an Application for Dual Degree Form one term prior to completing all degree requirements, and pay the OHSU graduation fee.

## Graduation Ceremonies

Convocation, Hooding and Commencement ceremonies are held in early June each year. Graduate students who have applied for a degree during that academic year may participate in the events. The [SPH Graduation & Ceremonies](#) page contains past ceremony details, as well as information on ordering regalia, ceremony photography, and answers to frequently asked questions.

## Diploma

Diplomas are mailed to the graduate after the degree has been posted to the student's official academic transcript. Diploma distribution occurs through the university Registrar's Offices.

## Ordering a Transcript

Students can order a copy of their official transcript through the Registrar's Offices:

- [PSU Transcript Request](#) – MA/MS Health Studies, MPH/MSW, and MPH/MURP
- [OHSU Transcript Request](#) – MS Biostatistics, MPH Biostatistics, MPH ESHH, MPH EPI, MPH PHP, MPH HMP, MPH HP students, Graduate Certificate in Biostatistics, and Graduate Certificate in Public Health.

# V. Student Resources and Support

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## Supporting Diversity

Sustaining an environment that is respectful of others is vitally important to the SPH mission, and diversity is a core value for every student, employee, and faculty member. To this end, the SPH is dedicated to achieving a climate free of harassment and discrimination. Further, all SPH graduate degree programs require competence in cultural humility and professional ethics. Requisite skills include self-awareness, open-minded inquiry and assessment, and the ability to recognize, honor, and adapt to cultural differences. Required and elective courses that build cultural competence and consideration are included in programs of study.

The OHSU Office of Affirmative Action & Equal Opportunity and PSU Office of Equity & Compliance (in Global Diversity & Inclusion) both work to promote diversity and prevent discrimination. These two offices sponsor extensive programming and professional development in diversity and cultural competence for faculty, staff and students. More information about diversity initiatives and expectations can be found on the [OHSU Center for Diversity & Inclusion](#) and [PSU Office of Global Diversity and Inclusion](#) webpages.

Students who encounter sexual harassment, sexual misconduct, sexual assault, or discrimination based on race, color, religion, age, national origin or ancestry, veteran or military status, sex, marital status, pregnancy or parenting status, sexual orientation, gender identity, disability or any other protected status, should contact the [OHSU Affirmative Action and Equal Opportunity](#) office ((503) 494-5148 or [aaeo@ohsu.edu](mailto:aaeo@ohsu.edu)) or [Equity and Compliance](#) within PSU's Office of Global Diversity and Inclusion ([diversity@pdx.edu](mailto:diversity@pdx.edu), 503 725-5919).

Title IX of the Educational Amendments Act of 1972 prohibits sex discrimination in educational institutions. Inquiries about Title IX compliance or sex/gender discrimination and harassment at OHSU may be directed to the [OHSU Title IX Coordinator](#), Laura Stadum at (503) 494-0258, [titleix@ohsu.edu](mailto:titleix@ohsu.edu) or [staduml@ohsu.edu](mailto:staduml@ohsu.edu). The



[Office of Equity & Compliance](#) is responsible for monitoring Portland State University's Title IX compliance. PSU's Title IX Coordinator is Julie Caron, (503) 725-4410, [jucaron@pdx.edu](mailto:jucaron@pdx.edu).

### **Academic Accessibility and Accommodations**

The School of Public Health is committed to fostering mutual respect and full participation for all students. Our goal is to create learning environments that are equitable, inclusive, and welcoming. If any aspects of instruction or program/course design result in barriers to student inclusion or learning, we want to know.

The [Office of Student Access Services at OHSU](#) will begin the process of determining reasonable accommodations and facilitating access for students with disabilities enrolled in the graduate SPH programs. The [OHSU Office for Student Access](#) is located in Baird Hall 1036B. Contact Jennifer Gossett at [studentaccess@ohsu.edu](mailto:studentaccess@ohsu.edu) or [\(503\) 494-0082](tel:(503)494-0082).

The [Disability Resource Center at Portland State](#), located in 116 Smith Memorial Student Union, collaborates with Student Access Services at OHSU to ensure accommodations for SPH graduate students; contact Jen Dugger, Director ([jen.dugger@pdx.edu](mailto:jen.dugger@pdx.edu), (503) 725-2035).

Students who have, or think they may have, a disability that may affect their work in class, should contact the office of the university at which they register to schedule an appointment and initiate a conversation about reasonable accommodations. Accommodations are coordinated by the two offices across the universities, as necessary. Please note that accommodations are not retroactive and that some accommodations take time to implement. Students are encouraged to make contact with the appropriate office as soon as possible.

### **Ombudsman's Office**

The overarching mission of the Ombudsman is twofold: to ensure that every member of the university community receives equitable and fair treatment, and due process; and to support and facilitate a positive working and learning environment by identifying emerging and immediate trends and risks.

[OHSU Ombudsman](#) services are available to all OHSU-PSU SPH students. The Ombudsman's office offers a safe, confidential place to discuss campus-related issues and explore possibilities for informally addressing concerns. The Ombudsman will listen and review matters; help identify options; make inquiries and make referrals as appropriate; and/or facilitate resolutions in an impartial manner.

#### *Contact Information*

Merle Graybill; 503 494-5397;  
[graybill@ohsu.edu](mailto:graybill@ohsu.edu)  
Location: 707 SW Gaines Street,  
Portland, OR 97239  
Gaines Hall, Room 117

### **Student Recreation Centers**

All School of Public Health Graduate students have access to recreation centers and fitness facilities at both OHSU and PSU. OHSU's fitness center is the [March Wellness and Fitness Center](#). PSU's Recreation Center is the [Academic and Student Rec Center](#) (ASRC or Rec Center). Students must show their OHSU ID badge to gain access to March Wellness, and their PSU ID card to gain access to ASRC.

### **Career Services**

PSU's [Advising and Career Services](#) offers career services to SPH students, including career counseling, [workshops](#), job search advice, mock interviews, and more.

## Libraries and Academic Resources

### *Libraries*

Students have access to library services at both OHSU's Library at the Biomedical Information Communication Center (BICC) and PSU's Millar Library. Students must possess the respective institutional badge to access the breadth of library services at each university. These extensive resources include physical and electronic references, training opportunities, and document-delivery. Students are strongly encouraged to familiarize themselves with library resources and the librarians who support the SPH.

PSU Library trainings, subject guides, and other resources can be found at <https://library.pdx.edu/services/>. PSU's subject area expert for the School of Public Health is Emily Ford, [forder@pdx.edu](mailto:forder@pdx.edu), (503) 725-3689.

OHSU library trainings, subject guides, and other resources can be found [here](#) and [here](#). OHSU's Librarian Liaison to the School of Public Health is Laura Zeigen, [zeigenl@ohsu.edu](mailto:zeigenl@ohsu.edu), (503) 494-0505. Examples of how the Librarian Liaison can help with research projects can be found on the Library website [here](#).

### *The Writing Center*

PSU's Writing Center offers resources and one-on-one appointments with writing consultants for students seeking to improve their writing. The PSU Writing Center is located in 188 Cramer Hall, and can be reached by telephone at (503) 725-3570.

### *Teaching and Learning Center*

OHSU's Teaching and Learning Center partners with faculty, students, staff, and colleagues to create meaningful, innovative and evidence-based learning experiences. The Center employs a student learning support specialist who is available to assist students with study skills, motivation and goal setting, learning styles and active learning strategies, test-taking skills and test anxiety, and time (self) management strategies. Students interested in meeting with the student learning support specialist should email Shoshana Zeisman-Pereyo, Ph.D. at [zeismanp@ohsu.edu](mailto:zeismanp@ohsu.edu).

## Other Student Resources

### *Student Centers and Lounges*

There is a small student lounge area in OHSU's Campus Services Building, room 615. Additional student lounge areas and amenities are available at OHSU's Student Center and PSU's Smith Memorial Student Union. The Graduate Student Lounge in the Robertson Life Sciences Building (RLSB) is not available to SPH students.

### *Cultural Resource Centers*

PSU's Cultural Resource Centers (CRCs) provide student leadership, employment, and volunteer opportunities; student resources such as computer labs, event, lounge and study spaces; and extensive programming. The CRCs are a unit of Diversity & Multicultural Student Services. ([CRC brochure](#))

#### Cultural Resource Centers:

- [La Casa Latina Student Center](#)
- [Multicultural Student Center](#)
- [Native American Student & Community Center](#)
- [Pacific Islander, Asian, and Asian American Student Center](#)
- [Pan-African Commons](#)

### *Queer Resource Center (QRC)*

The QRC, located in PSU's Smith Memorial Student Union, Suite 458, offers resources and programming to support students along the sexuality and gender spectrum, including a lounge area, computer workstations, resource lending library, and fun & positive vibes. (503) 725-9742, [grc@pdx.edu](mailto:grc@pdx.edu)

### *Resource Center for Students w/ Children*

The mission of the Services for Students with Children is to support students with children in achieving life-balance that helps them stay the course to successful completion of their academic goals. Click [here](#) for services offered. Visit the Center in PSU's Smith Memorial Student Union, Suite 462, or call (503) 725-9878.

### *Women's Resource Center*

The Women's Resource Center, located on the PSU campus at 1802 SW 10th & Montgomery, offers programs, resources, and services to support women's leadership, empowerment, and community. (503) 725-5672, [wrc@pdx.edu](mailto:wrc@pdx.edu).

### *Little Vikings Child Care*

Little Vikings provides walk-in, reserved, and occasional care for children ages 6 weeks to 12 years old. Students, staff, and faculty can reserve care for the entire term, up to 5 hours per day and 20 hours per week. (503) 725-8800.

### *Student Debt Counseling*

OHSU's Student Debt Counseling program is an educational and counseling resource that strives to help students create their own educational debt management plan so that they have a better understanding of their obligations and options after graduation. It offers advice and resources related to student debt management, financial literacy, and budgeting. Students may schedule a one-on-one appointment with the Manager of Educational Debt Counseling, Mike Matheny, at (503) 494-7872 or [mathenym@ohsu.edu](mailto:mathenym@ohsu.edu).

## Student Groups

### *Student Leadership Council*

Student Representatives are an integral part of the SPH graduate degree programs and a formal part of the SPH governance structure. Student Representatives participate in curricular activities and extra-curricular events, and represent the unique interests of their respective programs' student populations. The Student Leadership Council (SLC) offers opportunities to develop leadership skills, become engaged in community health initiatives, and network with other students, alumni, and employers. All Student Representatives are nominated (by self, peers, or faculty), and are selected for the positions by the faculty leadership of the various degree programs. Student representatives serve two-year, staggered terms. SLC representatives meet regularly with the Associate Dean for Student Affairs & Community Engagement to discuss program operations, student needs, and strategic planning.

*Student Leadership Council*  
Facebook.com/SLCPublicHealthPDX  
sphslc@ohsu.edu

### *All-Hill Council*

The All-Hill Council is OHSU's student government body. Each school contributes members to the Council. A president, three vice-presidents, and other officers are elected in May for the following year from among members of the Council. Student Council meetings are held the second Friday of the month at 12:00 pm and are open to anyone. In addition to facilitating communication about OHSU news and policies to students and acting as a voice of students to administrators, the Council also provides funding for events bringing students together across schools and programs. *Contact:* [scouncil@ohsu.edu](mailto:scouncil@ohsu.edu)

### *Institute for Healthcare Improvement Open School Chapter*

The mission of the OHSU-PSU IHI Open School is to empower learners and leaders in the Portland region and beyond to develop inter-professional connections and competencies to improve the services and systems that promote health.

*IHI Contact Information*  
[www.psuohsuihi.org/](http://www.psuohsuihi.org/)  
[ihipsuohsu@gmail.com](mailto:ihipsuohsu@gmail.com)

The IHI Open School provides students of medicine, nursing, public health, pharmacy, health administration, dentistry, and other allied health professions with a no-charge opportunity to learn about quality improvement and patient safety. The online, educational community features a growing catalog of courses, extensive content and resources, and a network of local Chapters that organize events and activities on campuses around the world.

### *Health Promotion Student Organization*

The goals of the Health Promotion Student Organization (HPSO) are to: build a strong MPH community by increasing interaction between past and present students, faculty, and administration; facilitate professional development by engaging alumni, public health and other professionals, and MPH students and students from other disciplines; promote student participation in decision

*HPSO Contact Information*  
[orgsync.com/80444/chapter](http://orgsync.com/80444/chapter)

making to improve the quality, accountability, and transparency of the program; and make social justice their work's foundation.

HPSO engages and unites Masters of Public Health: Health Promotion students in a collective voice with the purpose of elevating the quality of the academic experience and developing well-prepared public health professionals dedicated to social justice.

*Portland American Statistical Association Student Chapter*

The Portland ASA Student Chapter (PASA) is an organization by and for students of statistics and data science in the Portland Metro Area. Its mission is to support students' academic and professional interests in the field of statistics, data science, and the sciences utilizing statistical methods. This includes helping students navigate their academic experience, both in and outside of the classroom, and assisting in procuring meaningful employment upon graduation.

*PASA Contact Information*  
[http://community.amstat.org/  
portlandasastudentchapter/  
home](http://community.amstat.org/portlandasastudentchapter/home)

PASA further aims to create future leaders and advocates of the profession while instilling a sense of stewardship for the responsible and ethical practice of statistics. Membership includes full benefits in the national American Statistical Association.

*OHSU-PSU School of Public Health Alumni Association*

The School of Public Health Alumni Association was established to build a strong network of support for the graduates of our programs. The Alumni Association's primary objective is to reconnect alumni for informational, professional, and social networking. In addition, the Alumni Association serves as an advisory resource for the continual growth and development of the SPH programs and as a resource to current students. Contact [sphalumni@ohsu.edu](mailto:sphalumni@ohsu.edu) for more info.

## **Appendix I: Graduate Certificate in Biostatistics**

Director: Rongwei (Rochelle) Fu, PhD  
[ohsu-psu-sph.org/certificate-in-biostatistics](https://ohsu-psu-sph.org/certificate-in-biostatistics)

### **Description**

The Biostatistics Graduate Certificate program is designed to provide basic to intermediate graduate level biostatistics trainings for a diverse range of students in health sciences. It is primarily aimed at those wishing to become more skilled in applied biostatistics methods.

### **Learning Competencies**

Graduates will be able to:

- Perform a broad range of basic and intermediate level applied statistical procedures that are required in basic, clinical, population and translational sciences.
- Interpret and summarize analysis results in research reports and papers and communicate them to individuals with varying degrees of statistical knowledge.
- Conduct analyses for one's own research projects or provide support to collaborative research teams.

### **Program of Study**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<b><i>Required Coursework (18 Credits)</i></b>		
BSTA 511	Estimation and Hypothesis Testing for Applied Biostatistics	4
BSTA 512	Linear Models	4
BSTA 513	Categorical Data Analysis	4
BSTA 514 <b>OR</b>	Survival Analysis	3
BSTA 519	Applied Longitudinal Data Analysis	3
BSTA 510	Biostatistics Lab	3
<b><i>Elective Coursework (12 Credits)</i></b>		
BMI 550	Computational Biology I	4
BMI 551	Computational Biology II	4
BSTA 500	Reading and Research in Biostatistics	1-3
BSTA 514	Survival Analysis*	3
BSTA 515	Data Management and Analysis in SAS	3
BSTA 516	Design and Analysis of Surveys	3
BSTA 517	Statistical Methods in Clinical Trials	3
BSTA 519	Applied Longitudinal Data Analysis*	3

BSTA 522	Statistical Learning and Big Data	3
BSTA 523	Design of Experiments: Statistical Principles of Research Design & Analysis	3
BSTA 524	Statistical Methods for Next Generation Sequencing Data	3
EPI 512	Epidemiology I	4
EPI 513	Epidemiology II (Methods)	4
<b>Total Credits</b>		<b>30</b>

\*If not taken as a required course as noted above, can count as an elective.

### Recommended Course Sequencing

To maximize your educational experience, we recommend taking courses in the following sequence. Always consult your Faculty Advisor regarding your program of study and course selection to determine the schedule that fits best for you.

#### Full-time

<b>Year 1</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
BSTA 511: Estimation & Hypothesis Testing for Applied Biostatistics (4)	BSTA 512: Linear Models (4)	BSTA 513: Categorical Data Analysis (4)
EPI 512: Epidemiology I (4)	BSTA 514: Survival Analysis (3)	BSTA 510: Biostatistics Lab (3)
	EPI 513: Epidemiology II (Methods) (4)	BSTA 516: Design & Analysis of Surveys (3)  BSTA 500: Reading & Research in Biostatistics (1)

#### Part-time

<b>Year 1</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
BSTA 511: Estimation & Hypothesis Testing for Applied Biostatistics (4)	BSTA 512: Linear Models (4)	BSTA 513: Categorical Data Analysis (4)	BSTA 517: Statistical Methods in Clinical Trials (3)
EPI 512: Epidemiology I (4)	BSTA 514: Survival Analysis (3)	BSTA 516: Design & Analysis of Surveys (3)	
	EPI 513: Epidemiology II (Methods) (4)	BSTA 510: Biostatistics Lab (3)	

### Biostatistics & Design Program (BDP)

The Biostatistics & Design Program (BDP) is one of the OHSU shared resource cores, and is hosted by the Biostatistics group. BDP provides biostatistics support to basic, clinical and population science at all



phases of research from grant submission, protocol development, and study design to statistical analysis, interpretation of analysis results and manuscript preparation. Many biostatistics faculty are involved in BDP, and BDP also has many PhD and MS level staff providing statistical support and consultation. The BDP handles hundreds of research projects each year and provides many internship opportunities for students. Students should talk to the director of BDP, Dr. Jodi Lapidus, for internship opportunities.

## **Appendix II: Master of Public Health – Biostatistics**

Director: Rongwei (Rochelle) Fu, PhD  
[ohsu-psu-sph.org/mph-in-biostatistics](https://ohsu-psu-sph.org/mph-in-biostatistics)

### **Program Description**

The MPH Biostatistics program provides training for biostatistics methods as they apply to public health. Courses in this program emphasize intermediate to advanced applied statistical methods and statistical programming commonly used in public health research and practice, and program competencies highlight population-based study design, analytic methods, data interpretation, and communication. Epidemiological study design and methods are also an important component of the training provided by this program. Graduates of the program will be equipped to pursue careers in local, state and federal agencies, health and medical centers, and research institutions.

### **Learning Competencies**

Graduates will be able to:

- Apply appropriate principles of research design and population-based concepts to assess health problems.
- Apply appropriate descriptive and inferential statistical methods to analyze risk determinants of disease and health conditions.
- Apply descriptive and inferential statistical methods that are appropriate to the different study designs used in public health research.
- Interpret and summarize results and communicate them to lay and professional audiences, in the context of proper public health principles and concepts.
- Evaluate strengths and weaknesses of alternative research designs and analytic methods, and critically review and assess statistical analyses presented in public health literature.
- Apply basic ethical principles pertaining to the collection, maintenance, use, and dissemination of public health data.
- Identify cultural dimensions of conducting research, including culturally sensitive recruitment of study participants, and develop strategies for interpretation of data in the larger cultural context.

### **Program of Study**

Course Number	Course Title	Credits
<b><i>Core Required Coursework (22 Credits)</i></b>		
BSTA 511	Estimation and Hypothesis Testing for Applied Biostatistics	4
EPI 512	Epidemiology I	4
ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3

Exam	Certified in Public Health Examination	0; Pass
CPH 513	Applied Practice Experience	1
BSTA 506	Integrative Learning Experience	4
Exam	Biostatistics Comprehensive Examination	0; Pass
<b><i>Program Required Coursework (28 Credits)</i></b>		
UNI 504	Qualitative Methods for Health Professionals	2
BSTA 512	Linear Models	4
BSTA 513	Categorical Data Analysis	4
BSTA 515	Data Management and Analysis in SAS	3
BSTA 516	Design and Analysis of Surveys	3
BSTA 519	Applied Longitudinal Data Analysis	3
HSMP 573	Values & Ethics in Health	3
EPI 513	Epidemiology II (Methods)	4
EPI 566	Current Issues in Public Health	2
<b><i>Elective courses from the following (10 Credits)</i></b>		
BSTA 500	Reading and Research in Biostatistics	1-3
BSTA 514	Survival Analysis	3
BSTA 517	Statistical Methods in Clinical Trials	3
BSTA 521	Bayesian Methods for Data Analysis	3
BSTA 522	Statistical Learning and Big Data	3
BSTA 523	Design of Experiments: Statistical Principles of Research Design & Analysis	3
BSTA 524	Statistical Methods for Next Generation Sequencing Data	3
BSTA 550	Introduction to Probability	3
BSTA 551	Mathematical Statistics I	3
BSTA 552	Mathematical Statistics II	3
EPI 514	Epidemiology III	4
PHE 519	Introduction to the Etiology of Disease	3
<b>Total Credits</b>		<b>60</b>

### Recommended Course Sequencing

To maximize your educational experience, we recommend taking courses in the following sequence. Always consult your Faculty Advisor regarding your program of study to determine the schedule that fits best for you.

<b><i>Year 1</i></b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
BSTA 511 Estimation and Hypothesis Testing (4)	BSTA 512 Linear Models (4)	BSTA 513 Categ Data Analysis (4)	Elective (3) (e.g. BSTA 516 Stat Methods)
EPI 512 Epidemiology I (4)	EPI 513: Epidemiology II (4)	BSTA 516 Design Analysis Surveys (3)	Written part of comprehensive exam

Core course: HSMP 574, or PHE 512 (3)	Core course HSMP 574, <b>or</b> PHE 512 (3); <b>&amp;/or</b> EPI 566 Current Issues (2)	Core course HSMP 574, <b>or</b> PHE 512 (3)	
<b>Year 2</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	
BSTA 519 Appld Longitudinal Data Analysis (3)	HSMP 573 Values/Ethics in Hlth (3)	BSTA 506 Integrative Learning Experience (4)	
BSTA 515 Data Mgmt and Analysis in SAS (3)	EPI 566 Current Issues in Public Health (2) – if not completed Yr 1	Elective*	
Core course at PSU (HSMP 574, or PHE 512, or PHE 580) (3) – if not completed Yr 1	CPH 513 Applied Lrning Exper (1)	Lab part of comprehensive exam	
UNI 504 Qualitative Methods (2)	Elective		

\*Depending on elective load in other terms

### Comprehensive Exam

The MPH Biostatistics comprehensive exam assesses the student's ability to integrate statistical knowledge and skills covered from the different biostatistics courses. Students need to demonstrate mastery of the subject matter, skills of critical thinking and independent problem solving as well as interpretation of results in the context of a research question. The comprehensive examination comprises questions reflective of five required courses in Biostatistics:

1. BSTA 511 Estimation and Hypothesis Testing for Applied Biostatistics
2. BSTA 512 Linear Models
3. BSTA 513 Categorical Data Analysis
4. BSTA 516 Design and Analysis of Surveys
5. BSTA 519 Applied Longitudinal Data Analysis

Specifically, the examination will evaluate the following three program learning competencies:

1. Apply appropriate descriptive and inferential statistical methods to analyze social and other determinants of health.
2. Apply descriptive and inferential statistical methods that are appropriate to the different study designs used in public health research.
3. Identify strengths and weaknesses of alternative designs and analytic methods, and critically review and assess statistical analyses presented in public health literature.

The exam has two parts: the written part is closed book with three applied questions, and the lab part has two data analysis questions and one question to assess the appropriateness of the statistical methods used in a published journal article. The written part takes two hours and the lab part takes three hours, administered on separate days. Each year, students have two

opportunities to take the examination, once toward the end of the Summer, and another time in the middle of the spring term.

The comprehensive exam uses a Pass/No Pass grading system, and is based on pre-specified criteria determined by the comprehensive exam committee. Students who do not pass the comprehensive exam on their first attempt will be required to retake exam. Students will be provided information about areas of weakness prior to taking the examination again. A student who fails the second attempt is required to complete a remediation project specified by her/his academic advisor and the comprehensive exam committee. Students who need to do a remediation project may be asked to register for BSTA 500 Reading and Research in Biostatistics. Passing the exam or successful completion of the remediation project is a requirement for graduation.

Students with questions regarding the comprehensive exam should contact Miguel Marino ([marinom@ohsu.edu](mailto:marinom@ohsu.edu)), the Chair of the Comprehensive Exam Committee, or Rochelle Fu ([fur@ohsu.edu](mailto:fur@ohsu.edu)), the Program Director.

### **Biostatistics & Design Program (BDP)**

The Biostatistics & Design Program (BDP) is one of the OHSU shared resource cores, and is hosted by the Biostatistics group. BDP provides biostatistics support to basic, clinical and population science at all phases of research from grant submission, protocol development, and study design to statistical analysis, interpretation of analysis results and manuscript preparation. Many biostatistics faculty are involved in BDP, and BDP also has many PhD and MS level staff providing statistical support and consultation. The BDP handles hundreds of research projects each year and provides many internship opportunities for students. Students should talk to the director of BDP, Dr. Jodi Lapidus, for internship opportunities.

### **Appendix III: Master of Science - Biostatistics**

Director: Rongwei (Rochelle) Fu, PhD  
[ohsu-psu-sph.org/ms-in-biostatistics](https://ohsu-psu-sph.org/ms-in-biostatistics)

#### **Program Description**

The Master of Science in Biostatistics program provides graduate level training in the application and theory of biostatistics, and seeks to serve those wishing to pursue careers as intermediate level biostatisticians or to apply for doctoral programs in Biostatistics. The MS program is also appropriate for individuals who have earned a Graduate Certificate in Biostatistics and wish to pursue further training, some clinical and translational researchers (e.g. K awardees or postdoctoral trainees), students in other graduate programs, and working professionals throughout the region (e.g. public health practitioners, laboratory scientists, data managers, database programmers and other research professionals).

#### **Learning Competencies**

Graduates will be able to:

- Apply intermediate to advanced biostatistics theory and techniques to design, plan, and manage data collection to conduct statistical analysis for own research projects or collaborative research teams.
- Translate broad research goals into specific questions and procedures for statistical analysis and interpretation of results in basic, clinical, translational, and public health research studies.
- Select and use appropriate statistical analysis software for assessment, decision-making, and information sharing (e.g., Stata, SAS, R, or other special programs).
- Communicate statistical methods and findings clearly and unambiguously to specialists and non-specialist audiences.

#### **Program of Study**

Course	Course Title	Credits
<b><i>Required Coursework (40 Credits)</i></b>		
BSTA 510	Biostatistics Lab	3
BSTA 511	Estimation and Hypothesis Testing for Applied Biostatistics	4
BSTA 512	Linear Models	4
BSTA 513	Categorical Data Analysis	4
BSTA 514	Survival Analysis	3
BSTA 517	Statistical Methods in Clinical Trials	3
BSTA 519	Applied Longitudinal Data Analysis	3
BSTA 550	Introduction to Probability	3
BSTA 551	Mathematical Statistics I	3
BSTA 552	Mathematical Statistics II	3
PHE 511	Foundations of Public Health	3

EPI 512	Epidemiology I	4
Exam	<i>Comprehensive Examination : written and lab sections</i>	0; Pass
<b><i>Elective Coursework (14 Credits)</i></b>		
BSTA 500	Reading and Conference	1-3
BSTA 515	Data Management and Analysis in SAS	3
BSTA 516	Design and Analysis of Surveys	3
BSTA 521	Bayesian Methods for Data Analysis	3
BSTA 522	Statistical Machine Learning and Big Data	3
BSTA 523	Design of Experiments: Statistical Principles of Research Design & Analysis	3
BSTA 524	Statistical Methods for Next Generation Sequencing Data	3
EPI 513	Epidemiology II (Methods)	4
BMI 550	Computational Biology I	4
BMI 551	Computational Biology II	4
PSU STAT 567	Applied Probability 1	3
PSU STAT 568	Applied Probability 2	3
PSU STAT 580	Nonparametric Methods	3
<b>Total Credits</b>		<b>54</b>

### Recommended Course Sequencing

To maximize your educational experience, we recommend taking courses in the following sequence. Always consult your Academic Advisor regarding your program of study and course selection to determine the schedule that fits best for you.

Year 1			
Fall	Winter	Spring	Summer
BSTA 511: Estimation and Hypothesis Testing for Applied Biostatistics (4)	BSTA 512: Linear Models (4)	BSTA 513: Categorical Data Analysis (4)	BSTA 517: Statistical Methods in Clinical Trials (3)
BSTA 550: Introduction to Probability (3)	BSTA 551: Mathematical Statistics I (3)	BSTA 552: Mathematical Statistics II (3)	Written part of comprehensive exam
PHPM 512: Epidemiology I* (4)	Elective	Elective	
Year 2			
Fall	Winter	Spring	
BSTA 519: Applied Longitudinal Data Analysis (3)	Biostatistics Lab (3)	Electives	
PHE 511: Foundations of Public Health** (3)	BSTA 514: Survival Analysis (3)	Lab part of comprehensive exam	
Elective(s)	Elective		

\* You may take this course every term if you are not planning to take Epidemiology II as an elective.

\*\* Can be taken during the first year, too.

## **Comprehensive Exam**

A student's achievement of MS Biostatistic program-level competencies will be assessed by a comprehensive test. It is an assessment of the student's ability to integrate statistical knowledge and skills covered from the different courses. Students must demonstrate mastery of the subject matter, skills of critical thinking and independent problem solving as well as interpretation of results in the context of research question.

The comprehensive examination comprises of questions reflective of nine core courses in Biostatistics:

1. BSTA 511 Estimation and Hypothesis Testing for Applied Biostatistics
2. BSTA 512 Linear Models
3. BSTA 513 Categorical Data Analysis
4. BSTA 514 Survival Analysis
5. BSTA 517 Statistical Methods in Clinical Trials
6. BSTA 519 Applied Longitudinal Data Analysis
7. BSTA 550 Introduction to Probability
8. BSTA 551 Mathematical Statistics I
9. BSTA 552 Mathematical Statistics II

The comprehensive exam provides evaluation on both biostatistics theories and applied methods. The exam consists of a written, closed book section with six theoretical and applied questions, as well as a lab section, which contains three data analysis questions, and one question to assess the appropriateness of the statistical methods used in a published journal article. Both sections are administered in two four-hour segments on separate days. Each year, students have two opportunities to take the examination: towards the end of the summer term or in the middle of spring term.

The comprehensive exam uses a Pass/No Pass grading system, and is based on pre-specified criteria determined by the comprehensive exam committee. Students who do not pass the comprehensive exam on their first attempt will be required to retake exam. Students will be provided information about areas of weakness prior to taking the examination again. A student who fails the second attempt is required to complete a remediation project specified by her/his academic advisor and the comprehensive exam committee. Students who need to do a remediation project may be asked to register for BSTA 500 Reading and Research in Biostatistics. Passing the exam or successful completion of the remediation project is a requirement for graduation.

Students with questions regarding the comprehensive exam should contact Miguel Marino ([marinom@ohsu.edu](mailto:marinom@ohsu.edu)), the Chair of the Comprehensive Exam Committee, or Rochelle Fu ([fu@ohsu.edu](mailto:fu@ohsu.edu)), the Program Director.



**Biostatistics & Design Program (BDP)**

The Biostatistics & Design Program (BDP) is one of the OHSU shared resource cores, and is hosted by the Biostatistics group. BDP provides biostatistics support to basic, clinical and population science at all phases of research from grant submission, protocol development, and study design to statistical analysis, interpretation of analysis results and manuscript preparation. Many biostatistics faculty are involved in BDP, and BDP also has many have PhD and MS level staff providing statistical support and consultation. The BDP handles hundreds of research projects each year and provides many internship opportunities for students. Students should talk to the director of BDP, Dr. Jodi Lapidus, for internship opportunities.

## **Appendix IV: Master of Public Health - Environmental Systems & Human Health**

Director: Richard Johnson, PhD

[ohsu-psu-sph.org/mph-environmental-systems-human-health](https://ohsu-psu-sph.org/mph-environmental-systems-human-health)

The MPH in Environmental Systems and Human Health (ESHH) program offers public health training for students who would like to investigate and remediate environmental impacts on human health. Believing that a healthy environment is a cornerstone of preventive medicine, the goal of the program is to produce graduates who will be able to analyze relationships between human activities, the environment, and human health. Program emphases include environmental (e.g., climate) change and its effect on human health, environmental pathogens, environmental transport, fate and remediation of chemical contaminants, food web bioaccumulation, wastewater treatment, environmental risk assessment and communication, and social justice issues. Within the program, special attention will be given to mediating and modifying the effects of environmental disruptions on the health of vulnerable populations in a culturally competent, ethical manner.

### **Program Competencies**

- Communicate the relationship between environmental systems and human health, particularly in response to a changing climate.
- Analyze how environmental hazards (chemical, physical and biological) interact with natural and built systems, including the mechanisms of their adverse effects on humans.
- Assess and interpret relevant literature in the area of public health and environmental hazards.
- Evaluate the risk of environmental exposures to human populations through the incorporation of exposure, toxicological, and other relevant data into risk assessment methodology.
- Discuss how federal and state regulatory programs, guidelines and authorities impact environmental and occupational health issues.
- Apply ethical principles that govern the practice of environmental risk assessment, management, and communication.
- Specify approaches for assessing, preventing and controlling environmental and occupational hazards that pose risks to human health and safety.
- Integrate, synthesize and apply theory to practice in the context of a research study, policy consequences, or environmental exposure.
- Explain the general mechanisms of toxicity in eliciting a human health effect in response to various environmental and occupational exposures.

### Program of Study

Course Number	Course Title	Credits
<b>Core Required Coursework (22 Credits)</b>		
BSTA 525	Introduction to Biostatistics	4
EPI 512	Epidemiology I	4
ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
Exam	Certified in Public Health Examination	0; Pass
CPH 513	Applied Practice Experience	1
ESHH 506	Integrative Learning Experience	4
<b>Program Required Coursework (16 Credits)</b>		
UNI 504	Qualitative Methods for Health Professionals	2
ESHH 519	Environmental Health in a Changing World	3
ESHH 529	Environmental Toxicology & Risk Assessment	4
ESHH 521	Principles of Occupational Health	4
HSMP 573	Values & Ethics in Health	3
<b>Elective Coursework* (22 Credits)</b>		
Electives Commonly Taken		
ESHH 512	Global & Planetary Health Concepts	3
ESHH 530	Environmental Chemistry	4
ESHH 532	Environmental Biology	3
ESHH 534	Chemical Transport Processes in Environmental Health	3
ESM 552	Environmental Regulation & Non-regulatory Approaches	3
CPH 510 (online)	Geographic Information Systems (GIS) and Public Health	3
EPI 513	Epidemiology II (Methods)	4
EPI 514	Epidemiology III (Causal Inference)	4
PHE 511	Foundations of Public Health	3
PHE 517	Community Organizing	3
PHE 519	Etiology of Disease	3
PHE 520	Qualitative Research Design	3
PHE 521	Quantitative Research Design and Analysis	3
PHE 540	Mass Communication and Health	3
ESM 552	Environmental Regulation & Non-regulatory Approaches	3
ESM 570	Environmental Education	4
ESM 588	Environmental Sustainability	4
GEOG 588	GIS I: Introduction to Geographic Information Systems	4
GEOG 592	GIS II: Applications	4
PSY 510/610	Occupational Safety & Health	3
PSY 550/650	Occupational Health Psychology	3

PSY 410/510	Work and Well-Being	3
*Other elective courses may be approved by the student's faculty advisor.		
<b>Total Credits</b>		<b>60</b>

### Recommended Course Sequence

To maximize your educational experience, we recommend taking courses in the following sequence. Always consult your Faculty Advisor regarding your program of study and course selection to determine the schedule that fits best for you.

#### Full-time

<b>Year 1</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
ESHH 511 Concepts of Environ Health (3)*	BSTA 525 Intro to Biostatistics (4)*	HSMP 574 Hlth Systems Org (3)*	CPH Exam*
EPI 512 Epi (4)*	PHE 512 Principles of Health Behavior (3)*	ESHH 521 Princ. of Occupational Health (4)**	CPH 513 Applied Practice Exper (1)*
ESHH 519 Environ Hlth / Changing World (3)**	ESHH 529 Env Toxicol & Risk Assmnt (4)**	Elective (1-4) ex: PHE 519 Etiology of Disease (3)	
<b>Year 2</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
UNI 504 Qualitative Methods for Health Professionals (2)**	Elective (1-4)	ESHH 506 Integrative Learning Experience (4)*	
HSMP 573 Values & Ethics in Hlth (3)**	Elective (1-4)	Elective (1-4)	
Elective (1-4)	Elective (1-4)		

\*MPH Core requirements

\*\*ESHH program requirements

#### Part-time

<b>Year One</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
ESHH 511 Concepts of Environ Health (3)*	BSTA 525 Intro to Biostatistics (4)*	HSMP 574 Hlth Systems Org (3)*	CPH Exam* (If core courses completed)

EPI 512 Epi (4)*	PHE 512 Prnc. Hlth Behavior (3)*	ESHH 521 Princ. of Occupational Health (4)**	
<b>Year Two</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
ESHH 519 Environ Hlth / Changing World (3)**	ESHH 529 Env Toxicol & Risk Assmnt (4)**	Elective (1-4) ex: PHE 519 Etiology of Disease (3)	CPH Exam* (If core courses completed)
Elective (1-4)	UNI 504 Qual Methods for Hlth Prof (2)**	Elective (1-4)	CPH 513 Applied Practice Exper (1)*
<b>Year Three</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
Elective (1-4)	Elective (1-4)	ESHH 506 Integrative Learning Experience (4)*	
Elective (1-4)	Elective (1-4)	Elective (1-4)	

\*MPH Core requirements

\*\*ESHH program requirements

## **Appendix V: Master of Public Health – Epidemiology**

Director: Janne Boone-Heinonen, PhD, MPH  
[ohsu-psu-sph.org/mph-in-epidemiology](https://ohsu-psu-sph.org/mph-in-epidemiology)

The goal of the Epidemiology program is to provide training in the population perspective toward health care and disease prevention. Courses in this track emphasize the use of quantitative methods for analyzing and addressing health problems to support basic and applied research in public health and health care.

### **Learning Competencies**

Graduates will be able to:

- Apply population-based concepts of epidemiology and risk determination to the assessment of health problems.
- Apply evidence-based knowledge of health determinants to public health issues.
- Apply and interpret a variety of statistical methods commonly used in medical and public health research.
- Propose and test a research hypothesis.
- Identify ethical principles problems that arise in public health policy decisions.
- Apply knowledge of cultural dimensions in conducting research, including culturally sensitive recruitment of study participants, and develop strategies for interpretation of data in the larger cultural context.
- Integrate and apply relevant literature in epidemiology to public health issues and policy.
- Communicate public health principles and concepts through various strategies across multiple sectors of the community.

### **Program of Study**

Course Number	Course Title	Credits
<b><i>Core Required Coursework (22 Credits)</i></b>		
BSTA 511	Estimation and Hypothesis Testing for Applied Biostatistics	4
EPI 512	Epidemiology I	4
ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
Exam	Certified in Public Health Examination	0; Pass

CPH 513	Applied Practice Experience	1
EPI 506	Integrative Learning Experience	4
<b>Program Required Coursework (27 Credits)</b>		
BSTA 512	Linear Models	4
BSTA 513	Categorical Data Analysis	4
EPI 513	Epidemiology II (Methods)	4
EPI 514	Epidemiology III (Causal Inference)	4
EPI 536	Epidemiologic Data Analysis & Interpretation	4
EPI 566	Current Issues in Public Health	2
HSMP 573	Values & Ethics in Health	3
UNI 504	Qualitative Methods for Health Professionals	2
<b>Commonly taken elective courses* (11 Credits)</b>		
BSTA 514	Survival Analysis	3
BSTA 515	Data Management & Analysis in SAS	3
BSTA 516	Design and Analysis of Surveys	3
BSTA 517	Statistical Methods in Clinical Trials	3
BSTA 519	Longitudinal Data Analysis	3
CPH 510	GIS & Public Health	3
CPH 521	Social Determinants of Health & Community Assessment	3
EPI 505	Reading and Conference	1-3
EPI 540	Introduction to Research Proposal & Design	3
EPI 556	HIV/AIDS Epidemiology	3
EPI 568	Infectious Disease Epidemiology	2
EPI 576	Chronic Disease Epidemiology	2
EPI 630	Epidemiology Journal Club	1
HSMP 510	Population Health: Policy and Practice Implications	3
PHE 510	Development Origins of Health and Disease Epidemiology	3
PHE 519	Introduction to the Etiology of Disease	3
PHE 522	Health and Social Inequalities	3
PHE 524	Social Epidemiology Methods & Theory	3
*Other courses may be approved by the MPH Epi Program Director.		
<b>Total Credits</b>		<b>60</b>

### Recommended Course Sequencing

To maximize your educational experience, we recommend taking courses in the following sequence. Always consult your Faculty Advisor regarding your program of study and course selection to determine the schedule that fits best for you.

#### Full-time

<b>Year One</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
BSTA 511 Estimation (4)	BSTA 512 Linear Models (4)	BSTA 513 Categorical Data Analysis (4)	
EPI 512 Epi I (4)	EPI 513 Epi II (4)	EPI 514 Epi III (4)	EPI 536: EpiData (4)
Chose one: PHE 512 Princ Hlth Bhvr (3) <b>or</b> ESHH 511 Env Hlth (3) <b>or</b> HSMP 574 Hlth Syst Org (3)	Chose one: PHE 512 Princ Hlth Bhvr (3) <b>or</b> ESHH 511^ Env Hlth (3) <b>or</b> HSMP 574^ Hlth Syst Org (3)  If schedule allows: EPI 566 Current Issues (2)	Chose one: PHE 512^ Princ Hlth Bhv (3) <b>or</b> ESHH 511 Env Hlth (3) <b>or</b> HSMP 574 Hlth Syst Org (3)	If schedule allows, choose from: ESHH 511^ Env Hlth (3) <b>or</b> HSMP 574^ Hlth Syst Org (3) <b>or</b> Elective*  CPH Exam (if all core courses complete)
<b>Year Two</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
HSMP 573 Values & Ethics in Health (1-3)	CPH 513 Appld Prac Exper (1)	EPI 506 Int Learning Experience (4)	
UNI 504 Qualitative Methods for Health Professionals (2)  Chose one (if not completed): PHE 512 Princ Hlth Bhvr (3) <b>or</b> ESHH 511 Env Hlth (3) <b>or</b> HSMP 574 Hlth Syst Org (3)	EPI 566 Current Iss (2) (if not taken in Yr1)  UNI 504 Qualitative Methods for Health Professionals (2) (if not taken)		
Elective*	Elective*	Electives* (as needed to complete 60-credit degree requirement)	



CPH Exam (if not taken summer term)	CPH Exam (if not taken; must pass exam before spring term to graduate in spring)		
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\*There are 11 elective credits required for the MPH EPI program of study.

^online

### Part-time

<b>Year One</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
BSTA 511 Estimation (4) Note: BSTA 511 is time-intensive. You may wish to take only one course this term.	BSTA 512 Linear Models (4) Note: You may wish to take only one course this term.	BSTA 513 Categorical Data Analysis (4) Note: You may wish to take only one course this term.	
Choose one: <ul style="list-style-type: none"> <li>EPI 512 Epi I (4) (taking Epi I this term allows more flexibility, as it is a pre-req for many electives)</li> <li>Core course (PHE 512, ESHH 511, HSMP 574)</li> </ul>	Choose one: <ul style="list-style-type: none"> <li>Core course (PHE 512, ESHH 511^, or HSMP 574^)</li> <li>PHPM 566: Current Issues (2)</li> <li>Elective</li> </ul>	Choose one: <ul style="list-style-type: none"> <li>Core course (PHE 512^, ESHH 511, or HSMP 574)</li> <li>Elective</li> </ul>	As schedule allows: <ul style="list-style-type: none"> <li>Core course (PHE 512^ or HSMP 574^)</li> <li>Elective</li> </ul>
<b>Year Two</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
EPI 512 Epi I (4) (if not completed Yr1)	EPI 513 Epi II (4)	EPI 514 Epi III (4)	EPI 536 Epi Data Analysis (4)
Choose one: <ul style="list-style-type: none"> <li>Core course (PHE 512, ESHH 511, HSMP 574)</li> <li>HSMP 573 Ethics (3)</li> <li>UNI 504 Qualitative (2)</li> <li>Elective*</li> </ul>	Choose one: <ul style="list-style-type: none"> <li>Core course (PHE 512, ESHH 511^, or HSMP 574^)</li> <li>PHPM 566: Current Issues (2)</li> <li>HSMP 573 Ethics (3)</li> <li>UNI 504 Qualitative (2)</li> </ul>	Choose one: <ul style="list-style-type: none"> <li>Core course (PHE 512^, ESHH 511, or HSMP 574)</li> <li>Elective</li> </ul>	As schedule allows: <ul style="list-style-type: none"> <li>Core course (PHE 512^ or HSMP 574^)</li> <li>Elective</li> </ul> CPH Exam(if all core courses complete)

	• Elective*		
<b>Year Three</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
Remaining core courses (PHE 512, ESHH 511, HSMP 574)  HSMP 573 Ethics (3) (if not taken)  UNI 504 Qualitative Methods for Hlth Prof (2) (if not taken)	CPH 513 Applied Practice Experience (1)  PHPM 566: Current Issues (2) (if not taken)  UNI 504 Qualitative Methods for Hlth Prof (2) (if not taken)	EPI 506 Integrative Learning Experience (4)	
Elective*	Elective*	Electives* (as needed to complete 60-credit s)	
CPH Exam(if all core courses complete)	CPH Exam(if not taken; must pass exam before spring term to graduate in spring)		

\*There are 11 elective credits required for the MPH EPI program of study.

^online

## **Appendix VI: Master of Public Health - Health Management and Policy**

Interim Director: Julia Goodman, PhD

Director: Neal Wallace, PhD

[ohsu-psu-sph.org/mph-health-management-policy](https://ohsu-psu-sph.org/mph-health-management-policy)

### **Program Description**

The goal of the Health Management & Policy program is to develop and strengthen the knowledge and practice of the delivery and management of health services. The track prepares individuals for the exercise of competent and effective policy and administrative leadership in the health sector. The Health Management & Policy curriculum includes the core concepts of public health with specific instruction in management, finance, strategy, policy, economics, and ethics.

### **Learning Competencies**

Graduates will be able to:

- Apply ethical principles and behaviors that govern the practice of health management and policy.
- Apply theory in the development, implementation and evaluation of solutions to challenges in health management and policy.
- Represent cultural competency with diverse cultures and communities in the practice of health management and policy.
- Apply policy process knowledge and techniques to support development and implementation of health policy.
- Select and employ appropriate qualitative and quantitative techniques to evaluate and manage health system performance.
- Design and implement processes to assess and improve organizational and system performance.
- Solicit and integrate input from health system stakeholders to advance cooperative solutions to health system challenges.
- Design and deliver communication materials supporting the practice of health services leadership, management and policy.
- Demonstrate critical and self-reflective thinking in the practice of health management and policy.

### **Program of Study**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<b><i>Core Required Coursework (22 Credits)</i></b>		
BSTA 525	Introduction to Biostatistics	4
EPI 512	Epidemiology I	4

ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
Exam	Certified in Public Health Examination	0; Pass
CPH 513	Applied Practice Experience	1
HSMP 506	Integrative Learning Experience	4
<b>Program Required Coursework (25 Credits)</b>		
Varies	Interprofessional Course (choose only one) IPE 512, OHSU Rural Community-based Project IPE 513, Interprofessional Community Health & Edu Exchange IPE 514, Older Adult Care Using Stories IPE 515, Community Organizing for Health Equity	1
HSMP 541	Organizational Behavior in Health Service Organizations	3
HSMP 571	Health Policy	3
HSMP 573	Values and Ethics in Health	3
HSMP 576	Strategic Management of Health Care Organizations	3
HSMP 577	Health Care Law and Regulation	3
HSMP 586	Introduction to Health Economics	3
HSMP 587	Financial Management of Health Care Orgs	3
HSMP 588	Program Evaluation and Management In Health Services	3
<b>Elective courses from the following* (15 Credits)</b>		
HSMP 544	Leadership and Governance in Health Services	3
HSMP 575	Advanced Health Policy	3
HSMP 578	Continual Improvement In Health Care	3
HSMP 579	Health Information Technology and Systems Management	3
HSMP 580	Health Services Human Resources Management	3
PAH 570	Health Administration	3
PA 520	Intro to Nonprofit Management	3
PA 525	Grantwriting for Nonprofit Organizations	3
PA 543	Creating Collaborative Communities	3
PA 549	Cross-cultural Communication in the Public Sector	3
PA 553	Sustainable Development Policy and Governance	3
PA 554	Policy Analysis Research	3
PA 556	Public Contract Management	3
PA 558	Managing Public Projects and Programs: From Local to Global	3
PHE 520	Qualitative Research Design	3
PHE 541	Media Advocacy and Public Health	3
PHE 557	National Long-term Care Policy	3
*Other elective courses may be approved by the student's academic advisor.		
<b>Total Credits</b>		<b>62</b>

### **Recommended Course Sequencing**

Always consult your Academic Advisor regarding your program of study to determine the schedule that fits best for you. The faculty recognize that students do not enter the program on a cohort model, and therefore may need to take courses as they are available, rather than in a strict sequence.

However, there are some suggested guidelines:

- HSMP 574 Health Systems Organization should be taken before HSMP 571 Health Policy.
- HSMP 541 Organizational Behavior in Health Services Organizations should be taken early in the program of study.
- HSMP 574 and 541 are useful courses to take before taking the HMP concentration electives.
- Introduction to Biostatistics should be taken before Epidemiology I.
- Epidemiology I should be taken before PHE 580 Concepts of Environmental Health.
- HSMP 573 Values and Ethics in Health Care should not be taken until you have completed at least 42 Credits (unless you have extensive experience in health services delivery).
- You should try to complete MPH and HMP core courses before taking many of the HMP electives.
- You should take as many required courses as possible before taking the "other electives" so that you can use these electives to fill in areas of special interest to you.
- HSMP 506 Integrative Learning Experience may not be taken until you have taken at least 42 and preferably more Credits; ideally it should be the last or close to last course in your program.
- If you are admitted with "university conditional" or "departmental conditional" status, you must pay close attention to the conditions specified in your letter of admission. In particular, if you have not completed an undergraduate course in statistics, this qualification must be met (i.e. you must submit documentation of successful completion such a course to the HMP Program Coordinator) before taking Biostatistics, Epidemiology, or Concepts of Environmental Health.

## **Appendix VII: Dual MPH HMP / Master of Social Work**

Interim MPH HMP Director: Julia Goodman, PhD

MPH HMP Director: Neal Wallace, PhD

[ohsu-psu-sph.org/mphmsw](https://ohsu-psu-sph.org/mphmsw)

### **MPH HMP Program Description**

The goal of the MPH Health Management & Policy program is to develop and strengthen the knowledge and practice of the delivery and management of health services. The track prepares individuals for the exercise of competent and effective policy and administrative leadership in the health sector. The Health Management & Policy curriculum includes the core concepts of public health with specific instruction in management, finance, strategy, policy, economics, and ethics.

### **MPH HMP Learning Competencies**

Graduates will be able to:

- Apply ethical principles and behaviors that govern the practice of health management and policy.
- Apply theory in the development, implementation and evaluation of solutions to challenges in health management and policy.
- Represent cultural competency with diverse cultures and communities in the practice of health management and policy.
- Apply policy process knowledge and techniques to support development and implementation of health policy.
- Select and employ appropriate qualitative and quantitative techniques to evaluate and manage health system performance.
- Design and implement processes to assess and improve organizational and system performance.
- Solicit and integrate input from health system stakeholders to advance cooperative solutions to health system challenges.
- Design and deliver communication materials supporting the practice of health services leadership, management and policy.
- Demonstrate critical and self-reflective thinking in the practice of health management and policy.

### **MPH HMP Program of Study**

Course Number	Course Title	Credits
<b><i>Core Required Coursework (22 Credits)</i></b>		
BSTA 525	Introduction to Biostatistics	4

EPI 512	Epidemiology I	4
ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
Exam	Certified in Public Health Examination	0; Pass
CPH 513	Applied Practice Experience	1
HSMP 506	Integrative Learning Experience	4
<b>Program Required Coursework (25 Credits)</b>		
Varies	Interprofessional Course (choose only one) IPE 512, OHSU Rural Community-based Project IPE 513, Interprofessional Community Health & Edu Exchange IPE 514, Older Adult Care Using Stories IPE 515, Community Organizing for Health Equity	1
HSMP 541	Organizational Behavior in Health Service Organizations	3
HSMP 571	Health Policy	3
HSMP 573	Values and Ethics in Health	3
HSMP 576	Strategic Management of Health Care Organizations	3
HSMP 577	Health Care Law and Regulation	3
HSMP 586	Introduction to Health Economics	3
HSMP 587	Financial Management of Health Care Orgs	3
HSMP 588	Program Evaluation and Management In Health Services	3
<b>Elective courses from the following* (15 Credits)</b>		
HSMP 544	Leadership and Governance in Health Services	3
HSMP 575	Advanced Health Policy	3
HSMP 578	Continual Improvement In Health Care	3
HSMP 579	Health Information Technology and Systems Management	3
HSMP 580	Health Services Human Resources Management	3
PAH 570	Health Administration	3
PA 520	Intro to Nonprofit Management	3
PA 525	Grantwriting for Nonprofit Organizations	3
PA 543	Creating Collaborative Communities	3
PA 549	Cross-cultural Communication in the Public Sector	3
PA 553	Sustainable Development Policy and Governance	3
PA 554	Policy Analysis Research	3
PA 556	Public Contract Management	3
PA 558	Managing Public Projects and Programs: From Local to Global	3
PHE 520	Qualitative Research Design	3
PHE 541	Media Advocacy and Public Health	3
PHE 557	National Long-term Care Policy	3
*Other elective courses may be approved by the student's academic advisor.		

<b>Total Credits</b>	<b>62</b>
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### Model Course Sequencing: MPH Health Management and Policy / MSW

<b>Year One (36 MSW Credits; 11 MPH Credits incl. summer)</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
SW 540 Human Development Thru the Lifespan (3)	SW 530 Skills for the Helping Process-Indiv & Families (3)	SW 532 Advocacy & Empowerment (3)
SW 541 Societal, Comm & Org Structures & Processes (3)	SW 520 Social Welfare History & Policy (3)	SW 515 Skills for the Helping Process-Groups (3)
SW 539 Social Justice in Social Work (3)	SW 550 SW Research & Eval (3)	<i>BSTA 525 Intro to Biostatistics (4)</i>
SW 511 Field Placement & Seminar (4)	SW 511 Field Placement & Seminar (4)	SW 511 Field Placement & Seminar (4)

Summer between first and second year: *HSMP 574 Health Systems Organizations (3); EPI 512 Epi I (4) – counts as MSW elective*

<b>Year Two (30 MSW Credits; 21 MPH Credits incl. summer)</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
SW 517 Health Across the Lifespan I (3); <b>OR</b> SW 533 Clinical Social Work Practice I (3); <b>OR</b> SW 586 Soc Work w/Children, Yth & Families (3); <b>OR</b> SW 593 Practice & Leadership w/ Communities & Org I (3)	SW 518 Health Across the Lifespan II (3); <b>OR</b> SW 534 Clinical Social Work Practice II (3); <b>OR</b> SW 587 Soc Work w/ Children, Yth & Families II (3); <b>OR</b> SW 594 Practice & Leadership w/ Communities & Org II (3)	SW 519 Health Across the Lifespan III (3); <b>OR</b> SW 535 Clinical Social Work Practice III (3); <b>OR</b> SW 587 Soc Work w/ Children, Yth & Families III (3); <b>OR</b> SW 594 Practice & Leadership w/ Communities & Org III (3)
SW 512 Adv Field Placement (4)	SW 512 Adv Field Placement (4)	SW 512 Adv Field Placement (4)
<i>HSMP 541 Org Behavior in Health Service Org (3)</i>	<i>HSMP 588 Program Eval &amp; Mgmt in Health Services (3)</i>	<i>HSMP 571 Health Policy (3)</i>
<i>PHE 512 Principles of Health Behavior I (3)</i>	<i>ESHH 511 Concepts of Environ Health (3)</i>	MSW Elective (3)

Summer between second and third year: PA 525 Grantwriting for Nonprofit Organizations (3 Cr.), a MPH Elective (3 Cr.) and a MSW Elective (3 Cr.).

CPH Exam could be taken during the summer.

<b>Year Three (30 MPH Credits; 3 MSW Credits)</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>



<i>HSMP 586 Introduction to Health Economics (3)</i>	<i>HSMP 577 Health Care Law and Regulation (3)</i>	<i>HSMP 576 Strategic Management in Health Care Org (3)</i>
<i>MPH Elective (3)</i>	<i>HSMP 587 Financial Mgmt of Health Care Org (3)</i>	<i>HSMP 578 Continual Imprvmnt in Hlth Care <b>or</b> other MPH elective (3)</i>
<i>MSW Elective (3)</i>	<i>MPH Elective (3)</i>	<i>HSMP 573 Values &amp; Ethics in Health (3)</i>
<i>MSW Elective (3)</i>	<i>CPH 513 Applied Practice Experience (1)</i>	<i>HSMP 506 Integrative Learning Experience (4)</i>
	<i>Interprofessional Experience (1)</i>	

## **Appendix VIII: Master of Public Health - Health Promotion**

Director: Betty Izumi

[ohsu-psu-sph.org/mph-health-promotion](https://ohsu-psu-sph.org/mph-health-promotion)

### **Program Description**

The Health Promotion program is an interdisciplinary course of study providing students with specialized training in public health promotion and education. Through coursework and community-based experiences, students learn to address factors in the broader social, economic, policy, and built environments to improve the health of populations. In this track students build practice and research skills for population-level intervention, including program development, implementation, and evaluation. The curriculum further offers opportunities to focus on health across the lifespan. Graduates of the Health Promotion track will be able to effectively recognize and assess health disparities, communicate health information, promote health equity, and mobilize resources for social change.

### **Learning Competencies**

Graduates will be able to:

- Apply theory in the development, implementation, and evaluation of health promotion interventions, programs, and policies.
- Develop interventions and programs to effect change at multiple levels, including individual, community, organizations, and policy.
- Design and implement strategies to promote health.
- Solicit and integrate input from community and organization stakeholders.
- Design and deliver health communication messages.
- Evaluate and interpret results from program evaluations and other research.
- Define research problems, frame research questions, design research procedures, and outline methods of analysis.
- Apply ethical principles that govern the practice of public health.
- Demonstrate cultural competency in health promotion among all social and cultural communities.

### **Program of Study**

Course Number	Course Title	Credits
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<b>Core Required Coursework (22 Credits)</b>		
BSTA 525	Introduction to Biostatistics	4
EPI 512	Epidemiology I	4
ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
Exam	Certified in Public Health Examination (Pass/No Pass)	0; Pass
CPH 513	Applied Practice Experience	1
PHE 506	Integrative Learning Experience	4
<b>Program Required Coursework (29 Credits)</b>		
Varies	Interprofessional Course (choose only one) IPE 510, Narrative Competence IPE 512, OHSU Rural Community-based Project IPE 513, Interprofessional Community Health & Edu Exchange IPE 514, Older Adult Care Using Stories IPE 515, Community Organizing for Health Equity	1
PHE 511	Foundations of Public Health	3
PHE 517	Community Organizing	3
PHE 519	Etiology of Disease	3
PHE 520	Qualitative Research Design	3
PHE 521	Quantitative Research Design	3
PHE 540 or 541	Mass Communication (if offered) -or- Media Advocacy	3
PHE 550	Program Planning	4
HSMP 573	Values & Ethics in Health	3
HSMP 588	Program Evaluation & Management	3
<b>Area of emphasis (9 Credits)</b>		
<b>Total Credits</b>		<b>60</b>

### Recommended Course Sequencing

To maximize your educational experience, we recommend taking courses in the following sequence. Always consult your Faculty Advisor regarding your program of study to determine the schedule that fits best for you.

FALL	WINTER	SPRING	SUMMER
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<p>*PHE 511- Foundations of Public Health (3)</p> <p>PHE 512 - Princ of Health Behavior (3) (FWSSu)</p> <p>ESHH 511 – Concepts Environ Health (3) (FWSSu)</p>	<p>*PHE 550 - Program Planning (4)</p> <p>*PHE 541 - Media Advocacy (3)</p> <p>EPI 512 – Epi I (4) (FWSSu)</p>	<p>*PHE 517 - Community Organizing (3)</p> <p>*PHE 519 - Etiology of Disease (3)</p> <p>HSMP 574 – Health Systems Org (3) (FWSSu)</p> <p>BSTA 525 - Biostatistics (4) (FWSSu)</p>	<p>Course offerings:</p> <ul style="list-style-type: none"> <li>Principles of Health Behavior</li> <li>Environmental Health (online)</li> <li>Epidemiology</li> <li>Health systems organization</li> <li>Biostatistics (online)</li> </ul> <p><u>NOTES</u></p> <ul style="list-style-type: none"> <li>CPH exam can be taken after core courses</li> </ul>
<p>HSMP 588 - Program Evaluation (3) (FW)</p> <p>*PHE 520 – Qual Methods (3)</p> <p>HSMP 573 Values and Ethics*** (3) (FWS)</p>	<p>*PHE 521 – Quant Methods (3)</p> <p>Interprofessional Experience (1)</p> <p>CPH 513 Applied Practice Experience (1)</p> <p>Elective / Area of emphasis course (3)</p> <p>Elective / Area of emphasis course (3)</p>	<p>Elective / Area of emphasis course (3)</p> <p>PHE 506 – Integrative Learning Experience (4)</p>	<p>NOTES</p> <ul style="list-style-type: none"> <li>ILE can be completed after core and required credits completed.</li> <li>ILE can also be split over two quarters or completed in the summer</li> </ul>

\* Indicates this is the only quarter in which this course is offered

\*\* Epidemiology 1 and biostatistics are recommended prereq

\*\*\* prereq = 30 hours completed coursework

FWSSu refers to Fall Winter Spring Summer for example, FWSSu here: ESHH 511 – Concepts Environ Health (3) (FWSSu) means that ESHH511 is offered Fall Winter Spring Summer terms.



## **Appendix IX: Dual MPH HP / Master of Social Work**

MPH HP Director: Betty Izumi, PhD  
[ohsu-psu-sph.org/mph-in-hp-msw](https://ohsu-psu-sph.org/mph-in-hp-msw)

Students in the MSW/MPH Health Promotion dual degree program will need to complete at least 120 Credits, which consists of 69 Social Work credits and 60 Public Health credits.

### **MPH HP Program Description**

The Health Promotion program is an interdisciplinary course of study providing students with specialized training in public health promotion and education. Through coursework and community-based experiences, students learn to address factors in the broader social, economic, policy, and built environments to improve the health of populations. In this track students build practice and research skills for population-level intervention, including program development, implementation, and evaluation. The curriculum further offers opportunities to focus on health across the lifespan. Graduates of the Health Promotion track will be able to effectively recognize and assess health disparities, communicate health information, promote health equity, and mobilize resources for social change.

### **MPH HP Learning Competencies**

Graduates will be able to:

- Apply theory in the development, implementation, and evaluation of health promotion interventions, programs, and policies.
- Develop interventions and programs to effect change at multiple levels, including individual, community, organizations, and policy.
- Design and implement strategies to promote health.
- Solicit and integrate input from community and organization stakeholders.
- Design and deliver health communication messages.
- Evaluate and interpret results from program evaluations and other research.
- Define research problems, frame research questions, design research procedures, and outline methods of analysis.
- Apply ethical principles that govern the practice of public health.
- Demonstrate cultural competency in health promotion among all social and cultural communities.

### MPH HP Program of Study

Course Number	Course Title	Credits
<b>Core Required Coursework (22 Credits)</b>		
BSTA 525	Introduction to Biostatistics	4
EPI 512	Epidemiology I	4
ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
Exam	Certified in Public Health Examination (Pass/No Pass)	0; Pass
CPH 513	Applied Practice Experience	1
PHE 506	Integrative Learning Experience	4
<b>Program Required Coursework (29 Credits)</b>		
Varies	Interprofessional Course (choose only one) IPE 510, Narrative Competence IPE 512, OHSU Rural Community-based Project IPE 513, Interprofessional Community Health & Edu Exchange IPE 514, Older Adult Care Using Stories IPE 515, Community Organizing for Health Equity	1
PHE 511	Foundations of Public Health	3
PHE 517	Community Organizing	3
PHE 519	Etiology of Disease	3
PHE 520	Qualitative Research Design	3
PHE 521	Quantitative Research Design	3
PHE 540 or 541	Mass Communication (if offered) -or- Media Advocacy	3
PHE 550	Program Planning	4
HSMP 573	Values & Ethics in Health	3
HSMP 588	Program Evaluation & Management	3
<b>Area of emphasis (9 Credits)</b>		
<b>Total Credits</b>		<b>60</b>

### Sample Course Sequencing: MPH Health Promotion / MSW

There are 19 shared credits. Note that MPH course scheduling may vary; this course of study model and courses may be re-sequenced. Please check with each department to determine the year's schedule.

In this sample course of study, Public Health coursework will count for 10 credits of MSW requirements as follows: BSTA 525 Introduction to Biostatistics (4 credits) will count as SW 551 in the MSW foundation research sequence, PHE 517 Community Organizing (3 credits) and PHE 519 Etiology of Disease (3 credits) will count as six elective credits. The 9-credit MSW three-course advanced practice concentration sequence will count toward MPH elective credits. MPH/MSW are encouraged to take one of the core courses in the summer before the second-year classes begin.

Year One (15 MSW Credits; 23 MPH HP Credits)		
Fall	Winter	Spring
SW 539 Social Justice in Social Work (3)	SW 541 Societal, Community and Org Structures and Processes (3)	SW 520 Social Welfare History and Policy (3)
SW 540 Human Dev Thru the Lifespan (3)	SW 550 SW Research & Eval I (3)	*BIOS 525 Intro to Biostatistics* (4) [Meets SW 551 Research/Eval II req]
*PHE 512 Princ. Hlth Behavr * (3)	*EPI 512 Epi I* (4)	PHE 517 Community Organizing (3)
PHE 511 Found of Pub Hlth (3)	PHE 541 Media Advocacy (3)	PHE 519 Etiology of Disease (3)
Summer Before Year Two (3 MPH HP Credits)		
*HSMP 574 Health Systems Org* (3)		
Year Two (24 MSW Credits; 16 MPH HP Credits)		
Fall	Winter	Spring
SW 530 Skills for the Helping Process – Indiv & Families (3)	SW 515 Skills for the Helping Process - Groups (3)	SW 532 Advocacy & Empowerment (3)
SW 511 Field Placement & Sem (4)	SW 511 Field Placement & Sem (4)	SW 511 Field Placement & Sem (4)
*ESHH 511 Concepts of Environ Health* (3)	PHE 550 Health Promotion Prog Planning (4)	HSMP 573 Values and Ethics (3)
PHE 520 Qual Research Design (3)	PHE 521 Quant Research Design (3)	MSW Elective (3)
Year Three (30 MSW Credits; 9 MPH HP Credits)		
Fall	Winter	Spring
SW 517 Health Across the Lifespan I (3) <b>or</b> SW 533 Clinical Soc Work Practice I (3) <b>or</b> SW 586 Soc Work with Children, Youth and Families I (3) <b>or</b> SW 593 Practice and Ldershp with Communities and Org I (3)	SW 518 Health Across the Lifespan II (3) <b>or</b> SW 534 Clinical Social Work Practice II (3) <b>or</b> SW 587 Social Work with Children, Youth and Families II (3) <b>or</b> SW 594 Practice and Leadership with Communities and	SW 519 Health Across the Lifespan III (3) <b>or</b> SW 535 Clinical Social Work Practice III (3) <b>or</b> SW 588 Social Work with Children, Youth and Families III (3) <b>or</b> SW 595 Practice and Leadership with Communities and Organizations III (3)
SW 512 Adv Field Placement (4)	SW 512 Adv Field Placement (4)	SW 512 Adv Field Placement (4)
MSW Elective (3)	MSW Elective (3)	MSW Elective (3)
HSMP 588 Program Eval & Mgmt in Health Services (3)	CPH 513 Applied Practice Exper (1)	PHE 506 Integrative Learning Experience (4)
	Interperprofessional Experience (1)	

\* - Indicates a core MPH course that is offered every quarter

• ILE can be completed after core and required credits / coursework completed.

\* ILE can also be split over two quarters or completed in the summer

CPH Exam can be taken after fall of year two.



## **Appendix X: Dual MPH HP / Master of Urban & Regional Planning**

MPH HP Director: Betty Izumi, PhD  
[ohsu-psu-sph.org/mphmurp](https://ohsu-psu-sph.org/mphmurp)

Students in the MURP/MPH Health Promotion track must complete at least 112 credits, consisting of 72 Urban and Regional Planning credits and 60 Public Health credits; 20 credits are shared across the programs.

### **MPH HP Program Description**

The Health Promotion program is an interdisciplinary course of study providing students with specialized training in public health promotion and education. Through coursework and community-based experiences, students learn to address factors in the broader social, economic, policy, and built environments to improve the health of populations. In this track students build practice and research skills for population-level intervention, including program development, implementation, and evaluation. The curriculum further offers opportunities to focus on health across the lifespan. Graduates of the Health Promotion program will be able to effectively recognize and assess health disparities, communicate health information, promote health equity, and mobilize resources for social change.

### **MPH HP Learning Competencies**

Graduates will be able to:

- Apply theory in the development, implementation, and evaluation of health promotion interventions, programs, and policies.
- Develop interventions and programs to effect change at multiple levels, including individual, community, organizations, and policy.
- Design and implement strategies to promote health.
- Solicit and integrate input from community and organization stakeholders.
- Design and deliver health communication messages.
- Evaluate and interpret results from program evaluations and other research.
- Define research problems, frame research questions, design research procedures, and outline methods of analysis.
- Apply ethical principles that govern the practice of public health.
- Demonstrate cultural competency in health promotion among all social and cultural communities.

### MPH HP Program of Study

Course Number	Course Title	Credits
<b>Core Required Coursework (22 Credits)</b>		
BSTA 525	Introduction to Biostatistics	4
EPI 512	Epidemiology I	4
ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
Exam	Certified in Public Health Examination (Pass/No Pass)	0; Pass
CPH 513	Applied Practice Experience	1
PHE 506	Integrative Learning Experience	4
<b>Program Required Coursework (29 Credits)</b>		
Varies	Interprofessional Course (choose only one) IPE 510, Narrative Competence IPE 512, OHSU Rural Community-based Project IPE 513, Interprofessional Community Health & Edu Exchange IPE 514, Older Adult Care Using Stories IPE 515, Community Organizing for Health Equity	1
PHE 511	Foundations of Public Health	3
PHE 517	Community Organizing	3
PHE 519	Etiology of Disease	3
PHE 520	Qualitative Research Design	3
PHE 521	Quantitative Research Design	3
PHE 540 or 541	Mass Communication (if offered) -or- Media Advocacy	3
PHE 550	Program Planning	4
HSMP 573	Values & Ethics in Health	3
HSMP 588	Program Evaluation & Management	3
<b>Area of emphasis (9 Credits)</b>		
<b>Total Credits</b>		<b>60</b>

### Sample Course Sequencing: MPH Health Promotion / MURP

In this sample course of study, Public Health coursework will count for MURP requirements as follows: BSTA 525 Introduction to Biostatistics (4 credits) will substitute for USP 535 Planning Methods II, and up to 13 credits of MPH coursework may be applied toward MURP elective credits. MURP coursework will count toward MPH requirements as follows: USP 533 Planning Methods I will substitute for PHE 520 Qualitative Methods, and 9 credits of MURP coursework will count toward MPH elective credits. (See discussion of elective credits below.) MPH/MURP students are recommended to complete one core course in the summer before the second-year classes begin.

The CPH exam can be taken after the five core courses have been completed (after the fall of the second year if two courses are taken in the summer following the first year).

MURP electives – 46 credits of core coursework are required; 26 credits of non-core coursework are required. At least half of those 26 non-core credits must be USP-listed courses. Students are required to work with their MURP faculty adviser to identify electives that suit their desired career pathway.

MPH-HP electives – 9 credits of non-MPH-core/HP-required coursework are required. MPH-HP electives must be drawn from courses also applied toward the MURP degree. Students are encouraged to notify the MPH dual degree coordinator about which courses they intend to apply toward their MPH-HP elective requirement.

Shared credits: Up to 20 shared credits are shared between programs. Students must submit a GO-14 form in year 3 prior to graduation specifying which credits they intend to use on a dual basis.

- USP 533 Planning Methods I [4 credits] – sub for PHE 520 [3 credits].
- BSTA 525 Intro to Biostatistics [4 credits] – sub for USP 535 [3 credits].
- 9 credits applied toward both MPH-HP and MURP elective requirements. These may be courses taken in either USP or SPH.
- 4 credits drawn from remaining coursework, typically MPH core or HP requirement applied toward MURP electives. Field Experience, Planning Workshop, and Internship Seminar credits cannot be applied toward the dual credits.

Note that MURP and MPH course scheduling may vary; this course sequencing model may be re-sequenced. Please check with each department to determine the year's schedule.

Year 1 (25 MURP credits, 24 MPH credits)			
Fall	Winter	Spring	Summer/pre-fall/notes
USP 540 History & Theory of Planning (4)	USP 541 Dynamics of Planning Practice (3)	USP 525 Design Analysis for Planning (2)	*HSMP 574 Health Systems Org* (3) (this summer or next summer)
USP 533 Planning Methods I (4) [Substitutes for PHE 521] **	USP 531 GIS for Planners (4) <b>or</b> USP 594 Planning in the PNW (3) <b>or</b> USP 616 Cities in the Glob Pol Econ (3)	USP 553 Legal Proc in Planning (1)	*ESHH 511 Cncpts of Env Hlth* (3)
PHE 511 Found of Public Health (3)	PHE 541 Media Advcy (3)	USP 531 GIS for Planners (4) <b>or</b> USP 547 Urbanization & Planning Global South (3)	
	*EPI 512 Epi I* (4)	*PHE 512 Principles of Health Behavior* (3)	CPH exam can be taken after core courses done

		<i>*BSTA 524 Intro to Biostatistics* (4) [Substitutes for USP 535] **</i>	
<b>Year 2 (24 MURP credits, 19 MPH credits)</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer/pre-fall/notes</b>
USP 515 Econ Applications to Urban Stds (4)	USP 558 Planning Workshop (3)	USP 558 Planning Workshop (6)	
USP 584 Negotiation in the Public Sector (4)	<i>PHE 550 Health Promotion Program Planning (4)</i>	<i>PHE 517 Community Organizing (3)</i>	
USP 550 Participatory Planning (3)	<i>PHE 521 Quantitative Research Design (3)</i>	<i>PHE 519 Etiology of Disease (3)</i>	
USP 559 Planning Prac Sem <sup>+</sup> (1)	MURP/HP Elective (~3)		
<b>Year 3 (23 MURP credits, 17 MPH credits)</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer/pre-fall/notes</b>
<i>HSMP 588 Program Eval &amp; Mgmt in Hlth Services (3)</i>	<i>CPH 513 Applied Practice Exper (1)</i>	PHE 506 MPH ILE (4 credits) <sup>++</sup>	
<i>HSMP 573 Values &amp; Ethics in Hlth (3)</i>	<i>Interprofessional Experience (1)</i>	MURP/HP electives (~9)	
MURP/HP electives (~6)	MURP/HP electives (~9)		

\* MPH core course offered every term.

## **Appendix XI: Master of Arts / Master of Science - Health Studies**

Director: Brad Wipfli, PhD

[ohsu-psu-sph.org/msma-health-studies](https://ohsu-psu-sph.org/msma-health-studies)

### **Program Description**

The M.A./M.S. degree in Health Studies is designed to provide a research-oriented opportunity for students with an interest in physical activity/exercise. Students must complete each of the common required courses (including the completion and defense of a thesis) as well as a concentration of courses in the area of physical activity/exercise. Students pursuing the M.A./M.S. degree in Health Studies must complete at least 49 graduate credits with a cumulative GPA of 3.0 or higher. This includes a core of 19 credits, and two options: a thesis option with 18 additional credits from the physical activity/exercise concentration and 3 credits of electives, or a project option with 21 additional credits.

The final year of admission to the MA / MS in Health Studies was 2017-2018.

### **Public Health Competencies**

All SPH graduates will act ethically and demonstrate their ability to:

- Integrate social determinants into public health science, practice and policy
- Engage with communities to improve population health
- Apply public health knowledge and skills to eliminate health disparities

### **Program of Study**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<i>Program Coursework (18 or 21 credits)</i>		
BI 517	Mammalian Physiology	4
BI 518	Comparative Animal Physiology	4
BI 520	Ethical Practice in the Life Sciences	3
BI 562	Neurophysiology	4
PHE 507	Seminar	1-9
PHE 545	Men's Health	4
PHE 546	Urban and Community Health	3
PHE 551	Women and Holistic Health	4
PHE 552	Women's Health	3
PHE 556	Health Aspects of Aging	4
PHE 558	Perspectives on Aging	3
PHE 573	Physiology of Exercise	4
PHE 575	Exercise Testing Techniques	4
PSY 550	Occupational Health Psychology	4
PSY 571	Health Psychology	4

SOC 592	Qualitative Methods	4
<i>Common Required Coursework (19 credits)</i>		
EPI 512	Epidemiology I	4
PHE 511	Foundations of Public Health	3
PHE 512	Principles of Health Behavior I	3
PHE 520	Qualitative Research Design	3
PHE 521	Quantitative Research Design and Analysis	3
PHE 576	Physical Activity, Health, and Disease	3
PHE 577	Exercise, Nutrition, and Performance	3
<i>Elective coursework (3 Credits)</i>		
Determined by student and academic advisor.		
<i>Culminating Experience (6 or 9 Credits)</i>		
	Special Project or Thesis	6 or 9

## **Appendix XII: Master of Public Health – Public Health Practice**

Director: Elizabeth Needham Waddell, PhD

<https://ohsu-psu-sph.org/mph-in-public-health-practice/>

### **Program Description**

Students in the OHSU-PSU School of Public Health MPH in Public Health Practice acquire broad knowledge about and perspectives on public health policy and practice, with particular emphasis on improving primary healthcare accessibility and quality for underserved populations based on the concepts and principles of primary health care defined by the World Health Organization (universal coverage, service delivery, public policy, leadership, and stakeholder participation). To support working and distance students, coursework for the MPH in Public Health Practice program may be completed entirely online. Online MPH students are fully matriculated into the School of Public Health and have the option to complete some of their courses in person. Graduates are employed by state and local governmental agencies, non-profits, and community organizations.

### **Learning Competencies**

Graduates will be able to:

- Assess, analyze, and synthesize the health status of vulnerable populations.
- Identify, develop and manage interventions to promote and protect the health of populations at risk.
- Lead and participate in inter-professional efforts to address health inequities with community partners.
- Conduct, participate in or apply research which improves the health of a population.
- Assess and integrate cultural beliefs and practices into public health interventions.
- Develop and plan interventions utilizing principles of health systems organization and health care finance to address health disparities.
- Apply program planning and quality improvement principles in the development, management and/or evaluation of population health services.
- Demonstrate basic skills in development of a grant proposal.
- Employ techniques to manage human, fiscal, and other public health resources.

### Program of Study

Course Number	Course Title	Credits
<b>Core Required Coursework (22 Credits)</b>		
BSTA 525	Introduction to Biostatistics	4
EPI 512	Epidemiology I	4
ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
Exam	Certified in Public Health Examination	0; Pass
CPH 513	Applied Practice Experience	1
CPH 506	Integrative Learning Experience	4
<b>Program Required Coursework (25 Credits)</b>		
Varies	Interprofessional Course (choose only one) UNI 502, Conversations in Global Health (online) UNI 504, Qualitative Methods for Hlth Professionals (campus) IPE 510, Narrative Competence (campus) IPE 512, OHSU Rural Community-based Project (campus) IPE 513, Interprofessional Comm Hlth & Edu Exchange (campus) IPE 514, Older Adult Care Using Stories (campus) IPE 515, Community Organizing for Health Equity (campus)	1
CPH 511 -OR- PHE 520 (campus)	Research Methods and Evidence-Based Practice -OR- Qualitative Research Design (campus)	3
CPH 521	Social Determinants of Health	3
CPH 522	Communicating Public Health Data	3
CPH 528	Mgmt Practice and QI in Health Care & Public Health Organizations	3
CPH 535	Professionalism, Ethics and Systems Thinking in Public Health	3
CPH 536	Community Based Participatory Research	3
CPH 538 -OR- HSMP 588 (campus)	Public Health Program Evaluation -OR- Program Eval & Mgmt in Health Services	3
CPH 550	Public Health Program Planning	3
<b>Elective Courses* (9 Credits)</b>		
Electives Recommended for Online Students		
CPH 507A	Current Issues in Public Health	3
CPH 510	Geographic Information Systems for Public Health	3
CPH 523	Global Perspectives and Program Development	3
CPH 526	Epidemiology of Aging and Chronic Disease	3
CPH 531	The Social Context of Public Health Policy	3



HSMP 579 (online D2L)	Health IT & Systems Mgmt	3
PHE 545 (online D2L)	Men's Health	4
PHE 553 online D2L	Women's Reproductive Health	4
<b>Total Credits</b>		<b>56</b>

\*The courses listed above are recommended for online students. PHP students may take other OHSU-PSU SPH courses online or on campus, and are encouraged to discuss elective courses with their faculty advisor. Elective courses may vary annually.

### Recommended Course Sequence

To maximize your educational experience, we recommend taking courses in the following sequence. Always consult your Faculty Advisor regarding your program of study and course selection to determine the schedule that fits best for you.

#### Full-time

<b>Year 1</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
CPH 521 Social Determinants of Hlth (3)	ESHH 511 Cncpts Environ Hlth (3)	CPH 511 Research Methods (3)	
EPI 512 Epi I (4)	HSMP 574 Hlth Systms Org (3)	CPH 522 Communicating Public Health Data (3)	
BSTA 525 Intro to Biostatistics (4)	CPH 528 Mgmt Practice and QI (3)	PHE 512: Principles of Hlth Behavior (3)	Elective (3)
			CPH Exam*
<b>Year 2</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
CPH 550 Public Health Program Planning (3)	CPH 538 Public Health Program Evaluation (3)	CPH 536 Community Based Particprtry Rsrch (3)	CPH 506 Integrative Learning Exper (4)
Elective (3)	Elective (3)	CPH 535 Prof, Ethics & Systems Thinking (3)	
CPH 513 Applied Practice Exper (1)			
Interprofessional Course (1)			

\*All core courses must be completed to be eligible for the CPH exam.

*Part-time*

Year 1			
Fall	Winter	Spring	Summer
EPI 512 Epi I (4)	ESHH 511 Cncpts Environ Hlth (3)	PHE 512: Principles of Hlth Behavior (3)	BSTA 525 Intro to Biostatistics (4)
CPH 521 Social Determinants of Hlth (3)	HSMP 574 Hlth Systms Org (3)	CPH 535 Prof, Ethics & Systems Thinking (3)	
Year 2			
Fall	Winter	Spring	Summer
CPH 550 Public Health Program Planning (3)	CPH 528 Mgmt Practice and QI (3)	CPH 511 Research Methods (3)	CPH Exam*
Elective (3)	CPH 538 Public Health Program Evaluation (3)	CPH 522 Communic Public Hlth Data	
Year 3			
Fall	Winter	Spring	Summer
Elective (3)	Elective (3)	CPH 536 Comnity Based Participatory Rsrch (3)	CPH 506 Integrative Learning Exper (4)
CPH 513 Applied Pract Exper (1)			
Interprofessional Course (1)			

\*All core courses must be completed to be eligible for the CPH exam.

## **Appendix XIII: Graduate Certificate – Public Health**

Director: Elizabeth Needham Waddell, PhD  
[ohsu-psu-sph.org/certificate-public-health](https://ohsu-psu-sph.org/certificate-public-health)

### **Program Description**

Graduates of the OHSU-PSU School of Public Health online Graduate Certificate in Public Health (GCPH) have a solid foundation in the five core public health knowledge areas, abilities and skills. Graduates are eligible to sit for the National Board of Public Health Examiners Certified in Public Health (CPH) exam. Graduates often remain in their current positions in public health systems or advance in their careers.

### **Learning Competencies**

Graduates will be able to:

- Use principles of statistical inference for critical reading and interpretation of reports of statistical analysis and of public health problems.
- Apply epidemiologic methods to identify patterns of disease and injury.
- Analyze the environmental and occupational impacts on the health of a population.
- Identify and analyze major issues in health services and systems associated with the delivery, quality and costs of health care.
- Communicate theoretical principles, constructs, and models used to understand and affect the behavioral aspects of health.

### **Program of Study**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<i>Core Coursework (17 Credits)</i>		
PHE 512	Principles of Health Behavior	3
ESHH 511	Concepts of Environmental Health	3
EPI 512	Epidemiology I	4
HSMP 574	Health Systems Organization	3
BSTA 525	Introduction to Biostatistics	4
<i>Elective Coursework* (3 Credits)</i>		
CPH 507A	Current Issues in Public Health	3
CPH 510	Geographic Information Systems for Public Health	3
CPH 523	Global Perspectives and Program Development	3
CPH 526	Epidemiology of Aging and Chronic Disease	3
CPH 531	The Social Context of Public Health Policy	3
CPH 511	Research Methods and Evidence-Based Practice	<b>3</b>
CPH 521	Social Determinants of Health	3
CPH 522	Communicating Public Health Data	3
CPH 528	Mgmt Practice & QI in Hlth Care & Public Hlth Organizations	3

CPH 535	Professionalism, Ethics and Systems Thinking in Public Health	3
CPH 536	Community Based Participatory Research	3
CPH 538	Public Health Program Evaluation	3
CPH 550	Public Health Program Planning	3
<b>Total</b>		<b>20</b>

\*The courses listed above are recommended for GPCPH students. GCPH students may take other OHSU-PSU SPH courses online or on campus, and are encouraged to discuss elective courses with their faculty advisor. Elective courses may vary annually.

### Recommended Course Sequencing

To maximize your educational experience, we recommend taking courses in the following sequence. Always consult your Faculty Advisor regarding your program of study and course selection to determine the schedule that fits best for you.

#### Completion in Three Terms

Fall	Winter	Spring
EPI 512 Epi I (4)	ESHH 511 Cncpts of Environ Hlth (3)	PHE 512 Prncpls Hlth Bhvr (3)
BSTA 525 Intro to Biostats (4)	HSMP 574 Hlth Systems Org (3)	Elective (3) CPH Exam*

\*Optional for GCPH students

#### Completion in Six Terms

<b>Year 1</b>			
Fall	Winter	Spring	Summer
EPI 512 Epi I (4)	HSMP 574 Hlth Systems Org (3)	PHE 512 Prncpls Hlth Bhvr (3)	BSTA 525 Intro to Biostats (4) or Elective (3)
<b>Year 2</b>			
Fall	Winter	Spring	Summer
BSTA 525 Intro to Biostats (4) or Elective (3)	ESHH 511 Cncpts of Environ Hlth (3) CPH Exam*		

\*Optional for GCPH Students

**Appendix XIV: MD/MPH Combined Degree Program – Coming Soon**

Director: John Stull, MD, MPH

[ohsu.edu/xd/education/schools/school-of-medicine/academic-programs/md-program/admissions/combined-degree.cfm](https://ohsu.edu/xd/education/schools/school-of-medicine/academic-programs/md-program/admissions/combined-degree.cfm)