



SCHOOL OF  
**PUBLIC HEALTH**



**STUDENT HANDBOOK 2017 - 2018**  
MPH | MS/MA | GRADUATE CERTIFICATES | [OHSU-PSU-SPH.ORG](http://OHSU-PSU-SPH.ORG)



## OHSU-PSU School of Public Health 2017-2018 Handbook for Graduate Students

The Student Handbook informs students about resources, policies, procedures, academic rights, and responsibilities of MPH, MA or MS, Graduate Certificate students enrolled in the OHSU-PSU School of Public Health.

Students should familiarize themselves with the contents of this Handbook. While information in the Handbook is updated annually, updates may occur at any time and students are advised to access the OHSU-PSU SPH website or other online sources referenced throughout this document for additional information.

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## **Welcome & Introduction**

Welcome to the OHSU-PSU School of Public Health!

You are joining two universities with over two decades of academic tradition, at a very exciting time. In 2017, we received notification that our longstanding accreditation as a public health program had been expanded to recognize our status as a School of Public Health. As the Founding Dean, I am proud to note that it is the quality of our academic programs, breadth and depth of our research projects, service to the public health profession, and commitment to community engagement that were recognized by the Council on Education for Public Health.

I am equally excited about your decision to pursue graduate studies in the OHSU-PSU School of Public Health. Earning a graduate degree is an important step in preparing for, or advancing, your career. As a student in the collaborative OHSU-PSU School of Public Health, you will be able to 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, and 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 co-curricular events that complement your studies, seeking advice from your academic advisor and degree program coordinator, and taking advantage of leadership opportunities.

On the pages that follow, you will find a wealth of information about the School of Public Health, how to get started, your degree program, our two universities, and the resources you need to get the most out of your graduate education. Much of this information is accompanied by links to which you can find further information. If you every 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 the field of public health. If you have questions about the School of Public Health, OHSU or PSU, or 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,



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

# I. The School of Public Health – An Overview

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

	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						✓
Primary Health Care & Health Disparities		✓				
Public Health	✓					

\* MPH; or MPH/MSW

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

The School is a two-university partnership. Many graduate students attend classes at a primary campus location, but may also choose to take courses that are offered across both. Through the School’s leadership, OHSU and PSU work collaboratively to ensure administrative and student services are strategically aligned. In partnership with PSU, OHSU serves as the administrative center for graduate programs within the School. The administrative functions include enrollment, class registration, financial aid, tuition and fee collection, grade reporting, transcripts, and diplomas. Student services including access to health services, recreation centers, libraries, and other resource centers are managed jointly between the institutions.

### 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.

### Our Values

The OHSU-PSU School of Public Health is an academic partnership that values:

**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.



### School of Public Health Core Competencies

The School strives to implement its vision, mission and goals, create a workforce that is competent in public health practice, and build a Faculty that advances knowledge through appropriate 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 sensitivity.

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

Within these three 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 also accredited by the Commission on Accreditation of Health Management Education (CAHME).

## Administrative Leadership

The Office of the Dean is the central administrative unit for the School (503-494-8257, SPH@ohsu.edu). It coordinates admissions and curricula development, manages administrative functions, and serves as a communications hub for engagement with the public health and health systems practice communities. Leadership within the Office of the Dean includes:

Role	Name
Dean	David Bangsberg, MD, MSc, MS, MPH
Associate Dean, Academic Affairs	Jill Rissi, PhD, MPA
Associate Dean, Finance & Administration	Shelly Wolf, MEd
Associate Dean, Student Affairs & Community Engagement	Liana Winett, DrPH, MPH, MCHES
Director, Undergraduate Programs	Belinda Zeidler, MST
Director, Assessment & Evaluation	Lisa Hatfield, EdD

The School is organized by academic program and discipline combination and is led by a Program Director who is also a faculty member. In AY2017-18, Program Directors and supporting Program Coordinators are:

Graduate Level Program	Degree	Program Director	Program Coordinator
Biostatistics	Graduate Certificate, MPH, MS	Rochelle Fu, PhD, MS <a href="mailto:fur@ohsu.edu">fur@ohsu.edu</a>	Laura Ehrlich, M.Ed. <a href="mailto:ehrichl@ohsu.edu">ehrichl@ohsu.edu</a> , 503-494-2557
Environmental Systems & Human Health	MPH	Richard Johnson, PhD, MS <a href="mailto:johnsori@ohsu.edu">johnsori@ohsu.edu</a>	Josh Hodsdon, MBA <a href="mailto:hodsden@ohsu.edu">hodsden@ohsu.edu</a> , 503-494-1158
Epidemiology	MPH	Janne Boone-Heinonen, PhD, MPH <a href="mailto:boonej@ohsu.edu">boonej@ohsu.edu</a>	Laura Ehrlich, M.Ed. <a href="mailto:ehrichl@ohsu.edu">ehrichl@ohsu.edu</a> , 503-494-2557
Health Management & Policy	MPH, MPH/MSW	Neal Wallace, PhD, MPP <a href="mailto:nwallace@pdx.edu">nwallace@pdx.edu</a>	Andrew Wyman, BA <a href="mailto:wymaa@pdx.edu">wymaa@pdx.edu</a> , 503-725-4401
Health Promotion	MPH, MPH/MSW, MPH/MURP	Lynne Messer, PhD, MPH <a href="mailto:lymesser@pdx.edu">lymesser@pdx.edu</a>	Andrew Wyman, BA <a href="mailto:wymaa@pdx.edu">wymaa@pdx.edu</a> , 503-725-4401
Primary Health Care & Health Disparities	MPH	Elizabeth Waddell, PhD <a href="mailto:waddelle@ohsu.edu">waddelle@ohsu.edu</a>	Josh Hodsdon, MBA <a href="mailto:hodsden@ohsu.edu">hodsden@ohsu.edu</a> , 503-494-1158
Health Studies: Physical Activity & Exercise	MA/MS	Brad Wipfli, PhD <a href="mailto:bwipfli@pdx.edu">bwipfli@pdx.edu</a>	Andrew Wyman, BA <a href="mailto:wymaa@pdx.edu">wymaa@pdx.edu</a> , 503-725-4401
Public Health	Graduate Certificate	Elizabeth Waddell, PhD, MA <a href="mailto:waddelle@ohsu.edu">waddelle@ohsu.edu</a>	Josh Hodsdon, MBA <a href="mailto:hodsden@ohsu.edu">hodsden@ohsu.edu</a> , 503-494-1158



## Other Governance

MA/MS Health Studies students follow guidelines and procedures outlined by [PSU's Office of Graduate Studies \(OGS\)](#) and all other SPH graduate students follow guidelines and procedures outlined by SPH and the [OHSU Office of Student Affairs](#).

## II. Getting Started

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### Campus Maps

The OHSU campus maps for [Marquam Hill and the South Waterfront](#) can be found here, and the [PSU campus map can be found here](#).

### Parking and Transportation

Students have free intercampus transportation with their ID cards using the Portland streetcar ([portlandstreetcar.org/](http://portlandstreetcar.org/)) and OHSU aerial tram ([www.gobytram.com/](http://www.gobytram.com/)). Parking on all campuses is often challenging during peak hours (approximately 9am-3pm). Parking information for both campuses can be found on the sites listed below.

<a href="#">OHSU Transportation &amp; Parking</a>	<a href="#">PSU Transportation &amp; Parking</a>
Daily and hourly parking can be purchased online or at onsite pay stations. To access the online form, visit the <a href="#">OHSU Parking Portal</a> .	Daily and hourly parking can be purchased online or at onsite pay stations. To access this form, students should navigate to <a href="#">this website</a> .
Annual permits are by <a href="#">approval of compelling and/or emergent need only (login required)</a> . Due to a city cap on parking, OHSU does not directly control supply or demand. Annual permits are thus very limited.	Additional parking information, including term permits, residential, and overnight permits can be found <a href="#">online</a> .
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>	For rates and parking, visit: <a href="http://pdx.edu/transportation/hourly-visitor-parking">pdx.edu/transportation/hourly-visitor-parking</a>
3310 SW US Veterans Hospital Road Mail Code PP232 Portland, OR 97239	1812 SW 6th Avenue PO Box 751 Portland, OR 97207
Hours: Monday – Friday, 7:00 am – 5:00 pm	Hours: Monday – Friday, 9:00 am – 5:00 pm
<a href="mailto:parking@ohsu.edu">parking@ohsu.edu</a> ; 503-494-8283	<a href="mailto:psupark@pdx.edu">psupark@pdx.edu</a> ; 503-725-3442

### Campus Safety

Both OHSU and PSU have Public Safety Offices that are dedicated to assisting all members of their respective academic communities. Both offices maintain a central communications center (dispatch) that is staffed 24 hours a day, 7 days a week. Dispatchers are trained to triage request for service and

initiate the appropriate response. Students should include both campuses' emergency contact information in their mobile phones.

<a href="#">OHSU Office of Public Safety</a>	<a href="#">PSU Office of Public Safety</a>
Emergency on Campus: 503-494-4444 Non-emergency: 503-494-7744 <a href="mailto:pubsafe@ohsu.edu">pubsafe@ohsu.edu</a>	Campus Emergency: 503-725-4404 Non-emergency: 503-725-4407 <a href="mailto:cpsu@pdx.edu">cpsu@pdx.edu</a>

## Identification Badges

All SPH graduate students have two badges; one to access each University.



### *OHSU Badge*

Students typically pick up their OHSU ID badge at the OHSU New Student Orientation, after having completed all onboarding requirements:

- background check
- one 2 x 2 photograph sent to the Program Coordinator
- all training modules through COMPASS
- immunization form submitted to JBT Trainer Student Health Center

This OHSU badge is required to enter certain buildings, gain entry to the [Campus Services Building](#) after hours, access to the OHSU-PSU SPH computer lab (CSB 620), and the OHSU Library: [Biomedical Information Communications Center](#) (BICC). Access to the Graduate Student Lounge in the [Collaborative Life Sciences Building](#) (CLSB) is not available through SPH credentials; student lounge areas are available at [ohsu.edu/xd/education/student-services/student-life/student-center/amenities/index.cfm](http://ohsu.edu/xd/education/student-services/student-life/student-center/amenities/index.cfm). The first student identification badge is issued at no charge to the student; students will be charged for replacements. Questions



### *PSU Badge*

Students will be notified by email when permission to obtain a PSU ID badge has been processed. Students should then go to [PSU ID Services](#) in [Neuberger Hall](#) (724 SW Harrison St, Room 179) with at least one form of photo identification. The first student identification badge is issued at no charge to the student; students will be charged for replacements. Queries should be directed to [Student Financial Services](#) at 503-725-3440 or

## Background Checks

Consistent with the [OHSU Background Check Policy No. 03-10-011](#), applicants who matriculate into OHSU-PSU School of Public Health academic program are required to complete a background check, with the exception of MA/MS Health Studies students.

The cost of the background check is paid for by the incoming student (from \$35 and up) and the process may take several days to several weeks to complete. The student's name and email address are provided to the vendor by Admissions Staff and new students are prompted via email from Advanced Reporting, OHSU's vendor, to complete the background check information. Only the "Approved" or "Not Approved" results are communicated with Admissions Staff; background check details are confidential and remain with the vendor that performed the review.

A new background check for the purpose of onboarding new students may not be required should the SPH student meet the below and criteria:

- Active status as an OHSU student has not lapsed for longer than 180 days
- Maintains currently active status in Fall, Winter, and Spring terms, and is transferring academic programs with the same level of security access
- Maintains currently active status in Fall, Winter, and Spring terms, and is finishing one program and beginning a new program with the same level of security access

## Communications

New students will be automatically subscribed to the SPH Graduate Student listserv to receive the most current information about SPH events and news, job- and internship opportunities, class offerings, health-related seminars, upcoming events, fellowships, school club activities, and other items of interest. Personal postings, solicitations, and other items not directly relevant to academic programs or public health issues will likely not be circulated.

Follow us on social media at: [twitter.com/publichealthpdx](https://twitter.com/publichealthpdx) and [facebook.com/SLCPublicHealthPDX/](https://facebook.com/SLCPublicHealthPDX/). Contact [spocomms@ohsu.edu](mailto:spocomms@ohsu.edu) with any questions about this service managed by the Dean's Office.

## Network Access

SPH MPH and PhD students receive network access (e.g., email and online library access credentials) from both OHSU and PSU. MA/MS Health Studies students will receive network credentials only through PSU; MS Biostatistics and Graduate Certificate Biostatistics students will receive network credentials only through OHSU; and students in the Graduate Certificate in Public Health will receive network credentials only through OHSU.

Network access connects students to course management systems Sakai and D2L, file sharing systems Box (OHSU) and Google Drive (PSU), access to online holdings at both libraries, and computer lab log-in access at both Universities. Students should be certain to use their network account credentials for the campus they are accessing (e.g., to log in to a PSU computer on the PSU campus, students should use their ODIN account sign-in and password.)

OHSU's [Information Technology Group](#) (ITG) generates and maintains OHSU network accounts (@ohsu.edu) and access for students. Students receive their OHSU network credentials by email from ITG once they are registered for at least one course in OHSU's [Student Information System](#) (SIS).

PSU's [Office of Information Technology](#) (OIT) oversees student and faculty ODIN accounts, in partnership with the PSU Registrar's Office. An ODIN account, including a @pdx.edu address, grants individuals access to PSU's email system and computer application access. PSU network credentials are sent to the student's personal email address by the [PSU Registrar's Office](#).

## Registrar's Offices

The [PSU Registrar's Office](#) maintains official course schedules, course registration, grade reports, and official transcripts for MA/MS Health Studies, MPH/MSW, and MPH/MURP students.

The OHSU [Registrar's Office](#) maintains official course schedules, course registration, grade reports, and official transcripts for all other graduate level SPH students.

- [2017-18 Academic Calendar](#)
- [2017-18 Tuition & Fees](#)
- [Request to Restrict Directory Information](#)
- [Withdrawal/Leave of Absence](#)

#### 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

### Student Information System, Banweb, and the *Bulletin*

Although graduate courses are held at both the OHSU and PSU campuses, MA/MS Health Studies, MPH/MSW, and MPH/MURP students register for all coursework through the PSU registration system, known as [Banweb](#) and other master's level students register for all coursework through the OHSU registration system, known as the [Student Information System](#) (SIS).

These registration systems are secure, interactive applications where students can (1) view their grades and unofficial transcripts, (2) review charges and holds (if they exist), (3) make payments online, (4) view the personal information the Registrar's Office has on file, (5) view and/or print your class schedule, and (6) register for classes.

Students using Banweb use their ODIN credentials, and students using SIS use their OHSU student identification number and their personal identification number (PIN). To reset a PIN, contact the OHSU Registrar's Office at 503-494-7800 or 800-775-5460, or the OHSU Information Technology Group (ITG) at 503-494-2222.

Courses offered through PSU can be searched through the Banweb system by logging on at [banweb.pdx.edu/](http://banweb.pdx.edu/) and logging into the system through their Odin account. Course information for courses offered through OHSU will be posted to the searchable [OHSU Course Schedule](#) prior to registration each term. The SPH course schedule can be accessed by visiting [ohsu-psu-sph.org/course-directory/](http://ohsu-psu-sph.org/course-directory/).

Students may search for elective courses relevant to their interests that are offered by other academic units at PSU by searching current offerings at a course level of 500 or above in the Banweb system. A complete course catalog, the *Bulletin* is published annually and includes listing of all courses with course descriptions. The *Bulletin* is also available online at: [pdx.edu/advising/portland-state-university-bulletin](http://pdx.edu/advising/portland-state-university-bulletin). Please note that academic advisor approval is required for all electives offered outside of the SPH. You should contact your academic advisor for advice and to seek approval before registering for a non-SPH elective.

### Textbooks and Course Material

Textbooks and course materials are carefully selected by instructors. Lists of required and recommended texts are available online at:

- [School of Public Health > Course Catalog > Textbooks by Course](#)
- [OHSU Library > Textbooks by Course](#)
  - Students may access text material assigned to courses with the BSTA, CPH, ESHH, or PHPM prefix through the [OHSU Library](#). OHSU does not host a traditional bookstore.
- [PSU Bookstore > Textbooks by Course](#)

- Students may access or rent text material assigned to courses with the HSMP or PHE prefix through the [PSU Bookstore](#).

Textbooks may also be available for purchase and/or rent through established third party vendors.

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

[Sakai](#) is the course management system at OHSU. Courses with the following prefixes use Sakai: BSTA, CPH, ESHH, and PHPM. SPH students use their OHSU credentials to log in to Sakai.

[Desire to Learn](#) (D2L) is the course management system at PSU that uses [Daylight](#) to be mobile friendly. Courses with PHE and HSMP prefixes use D2L. SPH students use their PSU credentials to log in to D2L.

### **Establishing Residency**

MA/MS Health Studies, MURP/MPH, and MSW/MPH dual degree students follow the [PSU Residency Requirements](#). All other graduate level SPH students follow the [OHSU Residency Policy](#) 02-10-010.

### **Tuition & Fees**

MA/MS Health Studies, MPH/MSW, and MPH/MURP students are charged tuition rates and fee amounts approved and billed by PSU. These include charges for major medical and dental insurance (PSU [Student Health Insurance Information](#) and [Student Health Insurance Plan](#)).

All other SPH master's level student tuition and fees, including charges for major medical and dental insurance, are billed to by OHSU. Tuition rates and fee amounts are approved by the OHSU Board of Directors prior to the beginning of each academic year and are published through the [School](#) and the OHSU [Registrar's Office](#).

Students may receive approval from their Program Director to take an elective course outside of his/her academic program. Courses outside of the academic program may charge a different per-credit tuition rate, which differ from charges in the student's academic program. The student is responsible for paying for these courses.

### **Office of Financial Aid**

SPH students complete and submit a Free Application for Federal Student Aid (FAFSA) form to the [OHUS Office of Student Financial Aid](#) to be considered for aid eligibility. *The OHSU federal school code is 004883.*

Students should carefully review all paperwork, instructions, and the [2017-18 Disbursement calendar](#) so they are fully aware of their loan responsibilities.

#### *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

MA/MS Health Studies, MURP/MPH, and MSW/MPH dual degree students submit their FASFA form to the [PSU Office of Student Financial Aid & Scholarships](#) to be considered for aid eligibility.

## Student Health Insurance

Student health services are offered through both OHSU at the [Joseph B. Trainer Health & Wellness Center](#) (JBT) and PSU at the [Student Health and Counseling Center](#) (SHAC). All students are required to carry health insurance. If not covered by OHSU or PSU student health insurance, students should submit a waiver to verify comparable coverage.

Fees include group health insurance coverage; for graduate students with other major group health insurance coverage, an insurance waiver application is available. Information and deadlines can be found at the OHSU [Joseph B. Trainer Health & Wellness Center](#) (JBT).

MA/MS Health Studies, MURP/MPH, and MSW/MPH dual degree students use the Student Health and Counseling Center (SHAC) at PSU and should contact their Program Coordinator with any questions.

## Student Health Service

Students are automatically enrolled into the OHSU Joseph B. Trainer (JBT) Health & Wellness Center, with the exception of the MA/MS in Health Studies, MURP/MPH, and MSW/MPH students. A student may instead opt to receive services at PSU's [Student Health and Counseling Center](#) (SHAC) instead of JBT for the academic year by contacting their Program Coordinator by September 15, 2017.

The [Joseph B. Trainer Health & Wellness Center](#) at OHSU offers many types of services for students, postdoctoral fellows, and adult dependents on the Student Health Insurance Plan, including routine primary and preventive care and behavioral health services. For non-urgent scheduling requests, general inquiries, or Student Health Insurance Plan questions: [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)*

OHSU verifies that all students have received the full recommended series of childhood vaccines and adult boosters for major infectious diseases. Immunizations are not provided by the SPH but are available through the county health offices and/or the student's personal health care provider. JBT will only assist students in completing the Hepatitis B vaccination series and follow-up titer for students who have started but not completed this requirement.

All costs associated with immunizations are to be incurred by the student. 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 at OHSU, as specified by JBT. You may review a summary of these requirements on the JBT [website](#). For pre-entrance or annual immunization related questions: [askjbtRN@ohsu.edu](mailto:askjbtRN@ohsu.edu).

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*

## Recreation Centers

### OHSU's March Wellness & Fitness Center

SPH students who choose to pay the OHSU University fee have a full membership at [March Wellness & Fitness Center](#). Students may add one significant other to their membership. Proof of shared residence (driver's license, utility bill, checking account) must be provided to qualify. Students who do not pay PSU fees are welcome to purchase a rec center membership for \$25/month.

*March Wellness Contact Information*  
503 418-6272  
Hours: Mon - Fri, 5:00 am – 10:00 pm  
Sat - Sun, 7:00 am – 7:00 pm  
Location: 3303 SW Bond Avenue

### PSU's Athletic Student Recreation Center (ASRC)

SPH students who instead choose to pay the PSU University fee have full membership at the Academic and Student Recreation Center (ASRC) building. The second, third, and fourth floors house the [Student Recreation Center](#).

*ASRC Contact Information*  
503 725-2931  
Hours: see website for additional details  
Location: 1800 SW 6<sup>th</sup> Ave

Memberships to the ASRC are available to students, faculty, staff, alumni and a variety of PSU affiliates. A PSU or government-issued photo ID is required to enter the recreation facility and additional fees may apply. [Students interested in accessing ASRC should contact their Program Coordinator.](#)

## Refund Policy

Refunds may be granted to students in accordance with the [Academic Tuition and Fees Refund Schedule](#). Notification of withdrawal or cancellation and request for refund must be in writing and addressed to the Registrar. An appeals process is available for students who believe that their circumstances warrant exceptions to the published policy.

## Cashier's Office

The OHSU [Cashier's Office](#) disburses financial aid, processes payments to student accounts, and oversees direct deposits of financial aid refunds.

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

## III. Academic Resources and Policies

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### Core, Required, and Elective Courses

Courses are shared between OHSU and PSU and may be taken at either institution. The core course schedule is generally consistent from year to year to facilitate course planning. The AY 2017-2018 course schedule can be found [here](#).

### *Master of Public Health*

MPH students complete a common core of five courses for a total of 17 Credits. In addition to the five core courses, each MPH program specifies required courses, and provides a list of approved elective courses. Other elective courses may be requested on a case by case basis, as approved by your academic advisor. (See section on elective courses for more information.)

Students in the MSW/MPH and MURP/MPH programs will count courses from their other program as their elective courses.

Program requirements, curricula, and competencies for specific MPH degrees are located in the Appendixes at the end of this Handbook.

#### *Master of Art / Master of Science in Health Studies*

MA and/or MS in Health Studies students complete each of the common required courses (including the completion of a project or a thesis) as well as courses in the area of physical activity/exercise. Program requirements, curricula, and competencies for the MA or MS in Health Studies are located in the Appendixes at the end of this Handbook.

#### *Master of Science in Biostatistics*

MS in Biostatistics students complete 40 Credits of required coursework and 14 Credits of elective coursework for this 54 credit program. Students also sit for a comprehensive exam at the end of their studies comprised of a written and a lab section. Program requirements, curricula, and competencies for the MS in Biostatistics are located in the Appendixes at the end of this Handbook.

#### *Graduate Certificates*

- Students complete 18 Credits of required coursework and 12 Credits of elective coursework that comprise the Biostatistics Graduate Certificate.
- Students complete 17 Credits of required coursework and 3 Credits of elective coursework that comprise the online Public Health Certificate.
- Program requirements, curricula, and competencies for specific Graduate Certificates are located in the Appendixes at the end of this Handbook.

#### **Certified in Public Health Exam**

All students enrolled in an MPH program must pass the [Certified in Public Health](#) (CPH) exam offered through the [National Board of Public Health Examiners](#) (NBPHE), as a degree requirement.

The CPH exam tests knowledge in the five core public health areas: biostatistics, epidemiology, environmental health sciences, health policy and management, and social and behavioral sciences. Seven crosscutting competencies are also covered: communication and informatics, diversity and culture, leadership, public health biology, professionalism, program planning, and systems thinking.

Students are eligible to take the exam upon completion of the five core public health courses, or completion of four core courses with the final core course in progress. Students are encouraged to take the CPH exam soon after becoming eligible to do so. OHSU-PSU SPH students are offered a discounted rate; 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 Spring 2018.

A student who does not pass the exam on the first attempt must:



- Notify her/his academic advisor (or Program Director) to discuss exam results detailed in the testing report. Together, they will identify the area(s) needing improvement and develop an individualized and supervised independent study/remediation plan in preparation for a second exam attempt; and
- Allow for a minimum of three months before re-taking the CPH Exam in order to engage in additional independent study, per the remediation plan.

Students may only attempt the CPH exam twice. Students who fail the exam on both attempts will be recommended for dismissal from the School.

Students who require a disability accommodation should contact the [Office of Student Access Services at OHSU](#) or the [Disabilities Resource Center at PSU](#) to complete the review and support process as outlined in the [CPH Candidate Handbook](#).

### **Field and Culminating Experiences**

MPH student must complete a formal, supervised field experience (FE) in the practice of public health. The FE (called an “organizational experience” in the HMP program) provides opportunities for students to work on a public health issue relevant to their area of specialization, in one of a wide variety of agencies and organizational settings. Students will prepare a detailed project plan and learning contract, work 200 hours onsite in the placement, and prepare products for both the site and the placement, for a total of six registered graduate Credits. Students may complete the FE in one term, or may spread the experience over two terms based on the nature of the practice experience and student’s schedule. Dual degree students should seek to identify field placement sites that allow them to blend the skills of the two degrees, while also maintaining a primary focus on population health.

Although some aspects vary by degree program, core elements of the MPH FE requirement are standardized, and **must include**:

- An identified subset of program competencies to emphasize in the practice experience;
- A learning contract signed by the student, advisor, and preceptor;
- Final deliverables mutually agreed upon by the preceptor and student in the learning contract;
- An oral presentation on the process and outcomes of the experience (not required for Biostatistics MPH program; prepared in combination with the culminating integrative paper for Health Promotion (see below));
- An assessment of competency attainment by student, practice preceptor, and faculty; and,
- Assignment of a final letter grade: A-F.

Students must complete two modules in the CITI research training series before beginning the field experience: Responsible Conduct of Research and Human Subjects Research. Students can log in through OHSU at by following these [instructions](#).

Descriptions of specific FE requirements for each MPH degree program, including objectives, competencies, minimum standards, and evaluation methods, are disseminated in program-specific FE guidelines, which are available through the SPH website at: [ohsu-psu-sph.org/student\\_life/field-experience/](https://ohsu-psu-sph.org/student_life/field-experience/).

MPH students also are required to complete a **culminating experience** at the end of their program, through which they demonstrate mastery of the skills and knowledge acquired during their course of study. The culminating experience builds on the field experience and requires the student to synthesize, integrate, and apply the skills acquired and competencies met through the classroom and other public health experiences.

All MPH programs require a final integrative paper for the culminating experience. Some programs have additional requirements. Specific information and requirements can be found in the culminating experience guidelines found at [ohsu-psu-sph.org/index.php/current-students/field-experience/](https://ohsu-psu-sph.org/index.php/current-students/field-experience/).

## **Advising**

Students are paired with an **academic advisor** who is a faculty member in the School. In some cases, the Program Director serves as the student's **academic advisor** until a closely related faculty match can be made. **Academic advisors** help students identify academic and career goals, recommend elective courses that support those goals, assist with procedures regarding progress in the program. Advisors also act as a mentor and guide, and provide assistance with specific questions or with solving programmatic issues.

It is highly recommended that students meet with their **academic advisor** within the **first two terms of study** to develop an overall program and discuss other opportunities and resources that may facilitate the student's professional development. Health Management and Policy students are expected to meet with their **academic advisor** at least once per quarter. It is in the student's best interest to have met with his or her **academic advisor** at least twice and well in advance of preparing the Field Experience proposal.

Students maximize the benefit of advising and program resources by taking the following steps:

- Initiate contact with the advisor at least once per quarter;
- Check institutional email regularly for programmatic or institutional notices and personal communication about progression through the program;
- Inform your advisor immediately with change of registration status or problems that could affect progress to degree.

A student may change their **academic advisor** 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, both the new advisor and the student should inform the Program Director of the change.

Students are also connected to a **Program Coordinator** who acts as the student's primary administrative contact for all processes related to enrollment, registration, on-boarding, progression, and graduation.

### *Which Questions Should Students Ask of Whom?*

**Academic advisors** support students by helping them answer:

- Which elective course should I take?
- Where should I look for a field experience?
- What is the career trajectory in this field?

- What are good ways to build experience in the field?
- What can I do with my degree?

**Program Coordinators** provide students with:

- Relevant information related to campuses, programs, and resources;
- Administrative support for issues related to degree completion tracking systems, and processes for course registration and waitlists.

## Libraries

Students have access to library services of both OHSU and PSU. 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.

### OHSU Biomedical Information Communication Center (BICC)

Laura Zeigen, Public Health Librarian/Liaison  
[zeigenl@ohsu.edu](mailto:zeigenl@ohsu.edu)  
[ohsu.edu/xd/education/library/](https://ohsu.edu/xd/education/library/)

### PSU Millar Library

Public Health Librarian/Liaison:  
 Emily Ford, Public Health Librarian/Liaison  
[forderpdx@pdx.edu](mailto:forderpdx@pdx.edu) [library.pdx.edu/](https://library.pdx.edu/)

## Program Requirements

Specific information about master's degree and graduate certificate program requirements, curricula, and competencies are located in the Appendixes at the end of this Handbook.

## Academic Standing, GPA, and Course Grade Requirements

### Good Standing

Graduate students are expected to be in good academic standing throughout their studies. Good standing at the graduate level is when the student's cumulative GPA is at least a 3.0.

SPH masters students must:

- Maintain an overall, cumulative GPA of 3.0
- Repeat once any required course for which a grade lower than a "B-" was earned
- Earn no more than two "C" grades in any elective course

## Academic Warning, Suspension, and Dismissal/Disqualification

### *Academic Warning*

An academic warning serves as an early notice to students who are at risk of not meeting academic and/or professional requirements. The warning will allow the Program Director and faculty to intervene early and provide structure and assistance for potentially at-risk students. Academic warning status is, in most cases, the step prior to academic probation. Students are considered still making satisfactory academic progress while placed on academic warning status.

### *Academic Probation*

A graduate student is placed on academic probation when s/he fails to meet academic requirements. Students who meet any of the following criteria are automatically placed on academic probation:

- Cumulative GPA falls below 3.0 based on the completion of 9 or more Credits
- Earn a third “C” or lower grade in any elective course
- Failing to progress through the curriculum as established

#### *Academic Dismissal / Disqualification*

Students who meet any of the following criteria will be academically dismissed / disqualified from the School:

- Becomes eligible for a third instance of academic probation
- Does not pass the CPH Exam on the second attempt
- Twice receives a grade lower than a “B-“ on the same required course
- Has an overall, cumulative GPA within the Program of Study that makes it mathematically impossible to reach the minimum 3.0 GPA needed to graduate
- Fails to meet the requirements for program completion

The School may pursue academic suspension and dismissal proceeding for students who have not met program standards, have failed to meet the terms of their academic probation, and/or have violated policy and prescribed conduct. For more information about the dismissal and appeals process see OHSU Policy 02-30-050, [Student Dismissal, Grievance and Appeal Procedure](#).

#### **Transfer of Credit**

Transfer of credit guidelines are set by both institutions [policies here: [OHSU](#), [PSU](#)] and are:

- Graduate degree program students may transfer in up to 1/3 of the number of Credits required for the SPH degree, with masters-level courses taken at another institution.
- Graduate certificate program students may transfer up to 12 Credits
- These transfer credit limits include any pre-admission Credits (up to 12) taken in the School, as well as transfer Credits from other institutions

All transfer credit requests must meet the following requirements:

- Course must be at the graduate level
- Course offered by a US accredited institution
- Minimum “B-“ letter grade earned
- Must not be graded pass/no pass or of a similar grading method
- Must not be used for any other earned degree or certificate at any institution
- Must be no older than seven years at the time the SPH degree is awarded
- Must not be correspondence credit
- Will be converted and applied as quarter-system Credits, as applicable.

#### **Course and Program Delivery Mode: Online and/or On-Campus**

The SPH provides courses in online and classroom-based formats. SPH students may take all or some of their required or elective courses in the primary delivery mode attributed to their program of study (i.e., primarily on-campus, or primarily online).

- A total of **21 Credits** of the on-campus MPH, MS/ MA in Health Studies total program Credits may be taken online.
- A total of **21 Credits** of the online MPH total program Credits may be taken on-campus.
- A total of **10 Credits** of the on-campus Graduate Certificate in Biostatistics total program Credits may be taken online.
- A total of **6 Credits** of the online Graduate Certificate in Public Health total program Credits may be taken in an on-campus.

To request registration in non-primary mode courses, students should provide the prompted information through the *Special Registration Request Portal* available online at [Handbook, Policies, & Forms](#). Students will be asked to complete and upload a signed [Special Registration Request Form](#), also available online, should additional approvals be needed.

Students may request to take non-approved elective courses outside the SPH. However, please be advised that enrollment in these courses is not always possible. Students should discuss these prospective courses with their academic advisors well in advance of registration, and process their requests as early in the registration process as possible. This allows sufficient time for the more involved review, approval, and enrollment processes.

### **Electives Offered Outside of the School**

To request registration in courses outside SPH (for example: GEOG 588, GIS I: Introduction; or PA 525, Grantwriting for Nonprofits; etc.), students provide the prompted information through the *Special Registration Request Portal* available online at [Handbook, Policies, & Forms](#). Students will be asked to complete and upload a signed [Special Registration Request Form](#), also available online, should additional approvals be required.

Students interested in taking a PSU course outside of their program of study that will not and/or could not be applied to their SPH degree (e.g., a course numbered up to 499) should:

- Inform the his/her Program Coordinator by email of intent to register in a specific class, providing course title and number, CRN, instructor, and section number (if applicable)
- Be aware that these courses:
  - Are not Financial Aid eligible
  - Produce a separate bill directly to the student from PSU that requires payment to PSU
  - Generate a separate student PSU transcript for this work

Students may request to take non-approved elective courses outside the SPH. However, please be advised that enrollment in these courses is not always possible. Students should discuss these prospective courses with their academic advisors well in advance of registration, and process their requests as early in the registration process as possible. This allows sufficient time for the more involved review, approval, and enrollment processes.

### **Incomplete Coursework**

The grade of 'I' (Incomplete) is assigned when a student's work is of passing quality but incomplete for good cause. Assignment of an Incomplete grade is at the discretion of the course instructor. A grade of

Incomplete will not be assigned unless the student is unable to complete the work because of sudden illness, personal emergency, or other good cause outside of the control of the student.

#### *Deadline for Completion*

The deadline for completion of an Incomplete is one year for MA/MS Health Studies, MPH/MSW, and MPH/MURP students and a full explanation of PSU guidelines for assigning an “I” can be found [here](#).

The deadline for completion of an Incomplete is by the next academic term for MPH, MS in Biostatistics, Graduate Certificate in Biostatistics, and Graduate Certificate in Public Health students and the OHSU Graduate Council Policy can be found [here](#).

The instructor may set a shorter deadline. Any request for a deadline extension must be requested via an appeal for an extension to the one-term time frame, which must be approved by the appropriate Program Director. Appeals must also be forwarded to the PSU Graduate Council for courses taught at PSU.

The following criteria must be met for consideration of assigning a grade of Incomplete:

- Satisfactory course completion/participation: The student must have successfully completed most of the course work at the time the Incomplete is requested, with a minimum grade of a B-up to that point for a graduate level course.
- Reasonable justification for request: Reasons for assigning the Incomplete must be acceptable to the instructor; a student does not have the right to demand an Incomplete.
- Incomplete grade is not a substitute for a poor grade: The Incomplete grade is not meant to create the opportunity for special or additional work for a student to raise a poor grade.
- Written agreement: A written or electronic agreement will be endorsed 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 which the missing work is due. The latter may not exceed one year from the end of the term for enrollment for the given course.
- Resolving the Incomplete: Instructors may not encourage 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 will result in the automatic assignment of a letter grade of F.

#### **Continuous Enrollment**

Students must be registered for credit until graduation (“continuously enrolled”), 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 year (Fall, Winter, and Spring terms) will constitute continuous enrollment, however the student will not be eligible for financial aid unless they are registered for a minimum of 5 graduate level Credits in a single term. Registration during the Summer term is not required to meet the university’s continuous enrollment requirement, although it may be required by the student’s academic program. Failure to register without an approved leave of absence may result in administrative suspension and/or withdrawal from the student’s academic 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. A student must be in good standing in order to be permitted to take a LOA.

Students in the MA/MS Health Studies, MPH/MSW, or MPH/MURP programs should follow [PSU Leave of Absence](#) policies and processes.

MPH students needing to be un-enrolled for a term or more will follow the [OHSU Voluntary Leave of Absence & Withdrawal policy](#) (02-70-030). The Withdrawal or Leave or Leave of Absence Form is available on the [Handbooks, Policies, and Forms](#) page the SPH website and the [Registrar's](#) website. The leave request should be discussed with the student's academic advisor, with record of the LOA form on file with the Program Coordinator and the Registrar's Office.

The LOA request form should 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.

To return from a leave of absence, a student will submit a letter of intent to return to the program a minimum of 20 business days before the start of the term they intend to register. Students returning from a LOA should review the School-level policies on the readmission procedure, including application deadlines for financial aid, and minimum notification requirements.

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.

### *Responsibilities*

- Students are responsible for understanding the implications of a leave of absence for financial aid, health insurance, and progress toward the degree.
- An international student is responsible for consulting with the [Office of International Affairs](#) to understand the visa implications of interrupting his or her studies.
- A student is responsible for notifying the SPH should their plans change. The School may administratively withdraw a student from a program if a student does not return by the date provided on the leave of absence form.

### **Withdrawal Policy & Timeframe**

Withdrawal from a term in-progress or from the SPH 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](#).

- Students who wish to withdraw from a term in-progress should first meet with their Faculty Advisor, and then contact their Program Coordinator for guidance through process.
- Should a student wish to fully withdraw from the university, s/he should also first meet with the Faculty Advisor, review the [Withdrawal form](#) found at the [Registrar's Office](#), and then contact the Program Coordinator for guidance through process.
- To withdraw from term enrollment or the university at any time other than the close of an academic quarter, a student must notify the Program Director in writing.

*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, fails to register for classes, or fails to meet the requirements for continued enrollment.

Students who withdraw from the Program either by their own volition or by the *administrative withdrawal* process must apply for readmission and be readmitted in order to resume their studies.

### **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 through identification of emerging and immediate trends and risks.

[OHSU Ombudsman](#) services are available to all OHSU-PSU SPH faculty, staff, administrators, students, post-doctoral fellows, trainees and volunteers. 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

### **Academic Grievance Policy**

Graduate students may initiate a grievance regarding an academic issue. Students are encouraged to first pursue conflict resolution through use of informal mechanisms, including but not limited to discussing the issue with the other party. Recognizing that a student may not be comfortable discussing the situation with the other party, or if this discussion does not satisfy the student, the student may consult his/her academic advisor or Program Director. If that discussion does not result in a satisfactory resolution, the student may initiate the formal grievance process by filing a written complaint with the Associate Dean for Academic Affairs.

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



## VI. Student Resources and Support

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### Supporting Diversity

The School is dedicated to achieving a climate free of harassment and discrimination. 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. 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.

*OHSU Global Contact Information*  
Mackenzie Hall, Room 1166  
3181 SW Sam Jackson Park Road  
Mail Code: L349  
Portland, OR 97239

All 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 building cultural competence and consideration are noted in degree program-specific guidelines.

The Diversity Officers at both universities--Carmen Suarez, PhD, Vice President for Global Diversity and Inclusion at PSU, and Brian Gibbs, PhD, the OHSU Vice President for Diversity, 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.

If you 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, contact the [OHSU Affirmative Action and Equal Opportunity](#) office at 503-494-5148 or [aeo@ohsu.edu](mailto:aeo@ohsu.edu).

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).

### Student Code of Conduct

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. Students should review the Student Code of Conduct that describes behavior that may be subject to disciplinary action. Each institution has a Code of Conduct that students are expected to follow. They can be found [here](#) (OHSU) and [here](#) (PSU).

### Academic Accessibility and Accommodations

The OHSU-PSU School of Public Health values diversity and inclusion. We are 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 your inclusion or learning, we want to know.

For students with disabilities enrolled in the graduate SPH programs, the [Office of Student Access Services at OHSU](#) will begin the process with you of determining reasonable accommodations and facilitating access. The [Disability Resource Center at Portland State](#) collaborates with Student Access Services at OHSU in regards to all SPH graduate students. The OHSU Office for Student Access is located in Baird Hall 1036B and can be reached at [studentaccess@ohsu.edu](mailto:studentaccess@ohsu.edu) or [503-494-0082](tel:503-494-0082).

If you have, or think you may have, a disability that may affect your work in this class and feel you need accommodations, please contact the appropriate office to schedule an appointment and initiate a conversation about reasonable accommodations. Please be aware that accommodations are not retroactive and that some accommodations take time to implement, we encourage you to make contact with the appropriate office as soon as possible.

### **International Travel and Coursework**

International placement preparations and authorizations will be addressed on a case-by-case basis. All materials and applications must be submitted at least one full term (two terms are preferred) in advance of departure for your planned field experience. All students considering an international field experience should meet with their academic advisor and field 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. SPH 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).

### **Student Groups**

#### *Student Leadership Council*

Student Representatives are an integral part of the SPH graduate degree programs and a formal part of our School 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, and can be reached by [sphcomms@ohsu.edu](mailto:sphcomms@ohsu.edu) and [facebook.com/SLCPublicHealthPDX/](https://facebook.com/SLCPublicHealthPDX/).

### 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 together students 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:HP community by increasing interaction between past and present students, faculty, and administration; facilitate professional development by engaging alumni, public health and other professionals, MPH students and students from other disciplines; promote student participation in decision making to improve the quality, accountability and transparency of the program; and make social justice their work's foundation.

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

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.

### OHSU-PSU SPH Alumni Association

The SPH 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.

## **Additional PSU Resource Centers**

PSU offers additional resources (listed below) that are available to SPH graduate students. Additional fees may apply for some services.

- [The Writing Cntr](#)
- [Cultural Resource Cntrs](#)
- [Little Vikings Child Care](#)
- [Queer Resource Cntr](#)
- [Resource Cntr for Students w/ Children](#)
- [Veterans Resource Cntr](#)
- [Veterans Services](#)
- [Women's Resource Cntr](#)

## **Graduation**

### Application for Degree

Students may complete their degrees and administratively graduate in any term.

- Students whose primary campus is PSU [apply to graduate](#) at least one term prior to completing degree requirements, using [Banweb](#) and pay the PSU graduation fee.
- Students whose primary campus is OHSU [apply to graduate](#) one term prior to completing all degree requirements, in SIS and pay the OHSU graduation fee.
- Dual degree students (MD/MPH and students completing a Graduate Certificate in Biostatistics along with a degree submit an [Application for Dual Degree Form](#) one term prior to completing all degree requirements and pay the OHSU graduation fee.
- Students in the MA/MS in Health Studies, MPH/MSW, MPH/MURP programs must apply for graduation through PSU's Banweb by the first Friday of the anticipated term of graduation, and pay the PSU graduation fee.

### Convocation & Hooding

The Hooding and Commencement ceremonies are held in early June each year. Graduate students who have applied for degree during that academic year may participate in the events. The [SPH Graduation & Ceremonies](#) page contains past ceremony details, ordering regalia, ceremony photography, including a helpful FAQ page.

### Degree Award Dates

Official degree conferral occurs after all degree requirements have been reached and obligations to OHSU, PSU, and the SPH have been fulfilled.

### Diploma

Diplomas are mailed to the graduate after the degree has been posted in SIS to the student's official academic transcript. Diploma distribution occurs through the University Registrar's Office.

### 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, MPH/MURP, and students in the MPH who enrolled prior to Fall 2015.
- [OHSU Transcript Request](#) – MS Bios, MPH Bios, MPH ESHH, MPH EPI, MPH PHCHD, students in the MPH HMP and MPH HP who enrolled after Fall 2015, GC Bios, and GC Public Health.

## Appendix I: Graduate Certificate in Biostatistics

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.

### **Program Competencies**

Graduates of the certificate program will be equipped with well-rounded knowledge in applied biostatistics and skills 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.

### **Certificate Program of Study**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<i>Required (18 Credits)</i>		
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
<i>Electives (12 Credits)</i>		
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 and Analysis	3
BSTA 524	Statistical Methods for Next Generation Sequencing Data	3
PHPM 512	Epidemiology I	4
PHPM 513	Epidemiology II (Methods)	4

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

### Recommended Course Sequencing

Please consult with your advisor to review your planned schedule and determine the schedule that fits best for you. For extremely motivated students, it is possible to complete the Graduate Certificate Program in Biostatistics in three terms:

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

Students may also elect to complete the Graduate Certificate Program in Biostatistics in four terms:

<b>Year 1</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
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)
PHPM 512: Epidemiology I (4)	BSTA 514: Survival Analysis (3)	BSTA 516: Design and Analysis of Surveys (3)	
	PHPM 513: Epidemiology II (Methods) (4)	BSTA 510: Biostatistics Lab (3)	

### Continuation to the MS or MPH in Biostatistics Program

Students in the Graduate Certificate may apply to the MS or MPH in Biostatistics program if they wish to pursue more training in Biostatistics beyond the Graduate Certificate. They may apply while going through, or after completing the graduate certificate program. All Credits earned in the certificate program may be applied to the MS program, or, most Credits as appropriate, to the MPH program.

### Advising

Students may request a change to another faculty with whom they share more closely aligned interests. Requests for change of advisors should be made by email to the Program Coordinator, Laura Ehrlich ([ehrllich@ohsu.edu](mailto:ehrllich@ohsu.edu)), and the student should obtain the approval of the new advisor to accept this change in advance. Students should respect that faculty may have a full load of students and will be unable to accept new and additional students. The biostatistics faculty will attempt to meet student requests if at all possible.

Group advising sessions are provided to students from all Biostatistics programs (MPH, MS, and Graduate Certificate) twice a year, at the start of Fall term (combined with Biostatistics student orientation) and at the start of Spring term. These sessions aim to address any question from students related to their progress in the program.

### **Grading and GPA Requirements**

Students are assigned letter grades for classes except for BSTA 510 Biostatistics Lab and BSTA 500 Reading and Research course, which are graded “pass/fail.”

All students must maintain a 3.0 GPA. Students may not receive lower than a B- in any course. If lower than a B- is received, the student will need to repeat the course. Students are not permitted to progress through the BSTA 511-513 unless they achieve at least a B- in each of the courses.

### **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**

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.

### **Program Competencies**

Graduates of this program 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 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.

### **MPH Biostatistics Program of Study**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<i>Core Coursework (17 Credits)</i>		
BSTA 511	Estimation and Hypothesis Testing for Applied Biostatistics	4
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
PHE 580	Concepts of Environmental Health	3
PHPM 512	Epidemiology I	4
<i>Program Coursework (26 Credits)</i>		
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
PHPM 513	Epidemiology II (Methods)	4



PHPM 566	Current Issues in Public Health	2
<i>Elective courses from the following (11 Credits)</i>		
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
PHPM 514	Epidemiology III	4
PHE 519	Introduction to the Etiology of Disease	3
<i>Public Health Practicum (6 Credits)</i>		
BSTA 507	Biostatistics Field Experience	6
<i>Certified in Public Health Examination (Pass/No Pass)</i>		
<i>Culminating experience</i>		
Biostatistics Comprehensive Examination (Pass/No Pass)		
Integrative paper		

### Recommended Course Sequencing

To maximize your educational experience, we recommend taking courses in a particular sequence. Always consult your advisor to determine the schedule that fits best for you.

For students who wish to complete the MPH program in two years, here is one suggested schedule:

<b>Year 1</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 Categorical Data Analysis (4)	Elective (e.g. BSTA 516 Statistical Methods (3) )
PHPM 512 Epidemiology I (4)	PHPM 513: Epidemiology II (4)	BSTA 516 Design & Analy of Surveys (3)	Written part of comprehensive exam
Core course at PSU or OHSU (HSMP 574, or PHE 512, or PHE 580) (3)	Core course at PSU or OHSU (HSMP 574, or PHE 512, or PHE 580) (3); <b>and/or</b> PHPM 566 Current Issues (2)	Core course at PSU or OHSU (HSMP 574, or PHE 512, or PHE 580) (3)	
<b>Year 2</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	
BSTA 519 Applied Longitudinal Data Analysis (3)	HSMP 573 Values & Ethics in Health (3)	Field experience	
BSTA 515 Data Mgmt and Analysis in SAS (3)	PHPM 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	Field experience*	Lab part of comprehensive exam	
Elective	Elective		

\*All program required courses must be completed prior to the field experience except that one required course may be taken concurrently.

\*\*Depending on elective load in other terms

### **Field Experience, Culminating Experience, and Comprehensive Exam for the MPH Program**

MPH in Biostatistics students must complete a field experience and a culminating experience. Complete information about the field experience can be found at <http://ohsu-psu-sph.org/index.php/students/field-experience/>. The comprehensive exam is part of the Biostatistics MPH culminating experience. More information about the culminating experience can be found at <http://ohsu-psu-sph.org/index.php/students/culminating-experience/>.

The 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.

If students have questions regarding the comprehensive exam, they may 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.

**Grading and GPA Requirements**

Students are assigned letter grades for classes except for BSTA 510 Biostatistics Lab and BSTA 500 Reading and Research course, which are graded “pass/fail.”

All students must maintain a 3.0 GPA. Students may not receive lower than a B- in any course. If lower than a B- is received, the student will need to repeat the course. Students are not permitted to progress through the BSTA 511-513 and BSTA 550-552 sequence unless they achieve at least a B- in each of the courses.

**Advising**

Students may request a change to another faculty with whom they share more closely aligned interests. Requests for change of advisors should be made by email to the Program Coordinator, Laura Ehrlich ([ehrllich@ohsu.edu](mailto:ehrllich@ohsu.edu)), and the student should obtain the approval of the new advisor to accept this change in advance. Students should respect that faculty may have a full load of students and will be unable to accept new and additional students. The biostatistics faculty will attempt to meet student requests if at all possible.

Group advising sessions are provided to students from all Biostatistics programs (MPH, MS, and Graduate Certificate) twice a year, at the start of Fall term (combined with Biostatistics student orientation) and at the start of Spring term. These sessions aim to address any question from students related to their progress in the program.

**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**

The Master of Science in Biostatistics program is designed to provide graduate level training in the application and theory of biostatistics, and seeks to serve those wishing to pursue career as an intermediate level biostatistician or 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 state and region (e.g. public health practitioners, laboratory scientists, data managers, database programmers and other research professionals).

#### **Program Competencies**

Graduates of this program 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.

#### **MS: Biostatistics Program of Study**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<i>Required Coursework (40 Credits)</i>		
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
	Epidemiology I (CPH, PHE, or PHPM section)	4
<i>Elective Coursework (14 Credits)</i>		
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 and Analysis	3
BSTA 524	Statistical Methods for Next Generation Sequencing Data	3
PHPM 512	Epidemiology I	4
PHPM 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
<i>Comprehensive Examination (Pass/No Pass): written and lab sections</i>		

### Recommended Course Sequencing

For students who wish to complete the MS program in two years, there are multiple ways to map out your course schedule depending on your interest in electives. Be sure to talk to your advisor. One suggested schedule is:

<b>Year 1</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
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	
<b>Year 2</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	
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 Test for the MS Program

A student's achievement of 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.

If students have questions regarding the comprehensive exam, they may 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.

### **Advising**

Students may request a change to another faculty with whom they share more closely aligned interests. Requests for change of advisors should be made by email to the Program Coordinator, Laura Ehrlich ([ehrllich@ohsu.edu](mailto:ehrllich@ohsu.edu)), and the student should obtain the approval of the new advisor to accept this change in advance. Students should respect that faculty may have a full load of students and will be unable to accept new and additional students. The biostatistics faculty will attempt to meet student requests if at all possible.

Group advising sessions are provided to students from all Biostatistics programs (MPH, MS, and Graduate Certificate) twice a year, at the start of Fall term (combined with Biostatistics student orientation) and at the start of Spring term. These sessions aim to address any question from students related to their progress in the program.

### **Grading and GPA Requirements**

Students are assigned letter grades for classes except for BSTA 510 Biostatistics Lab and BSTA 500 Reading and Research course, which are graded “pass/fail.”

All students must maintain a 3.0 GPA. Students may not receive lower than a B- in any course. If lower than a B- is received, the student will need to repeat the course. Students are not permitted to progress through the BSTA 511-513 and BSTA 550-552 sequence unless they achieve at least a B- in each of the courses.

**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**

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.

### **MPH: ESHH Program of Study**

Each ESHH student must complete the Core courses (17 Credits), Program courses (17 Credits), and the Public Health Field Experience (6 Credits). In addition, each student will work with their Academic Advisor to select 20 Credits of electives to achieve the minimum of 60 total program Credits.

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<i>Core Coursework (17 Credits)</i>		
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior (CPH 537 or PHE 512)	3
PHE 580	Concepts of Environmental Health (CPH 539 or PHE 580)	3
PHPM 512	Epidemiology I (CPH 541, PHE 530, or PHPM 512)	4
PHPM 524	Introduction to Biostatistics	4
<i>Program Coursework (17 Credits)</i>		
ESHH 519	Environmental Health in a Changing World	3



ESHH 529	Environmental Toxicology & Risk Assessment	4
ESHH 521	Occupational Health	4
HSMP 573	Values & Ethics in Health	3
PHE 519	Introduction to the Etiology of Disease	3
<i>Electives (20 Credits)</i>		
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
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
PHE 511	Foundations of Public Health	3
PHE 517	Community Organizing	3
PHE 520	Qualitative Research Design	3
PHE 521	Quantitative Research Design and Analysis	3
PHE 540	Mass Communication and Health	3
PHPM 513	Epidemiology II	4
PHPM 514	Epidemiology III	4
PHPM 568	Infectious Disease Epidemiology	2
Other elective courses may be approved by the student's academic advisor.		
<i>Public Health Field Experience (6 Credits)</i>		
ESHH 509	Environmental Health Practicum	6
<i>Certified in Public Health Examination (Pass/No Pass)</i>		

### Recommended Course Sequencing

Full-time Recommended Sequence of Courses for ESHH Students Matriculating 2017-2018

<b>Year 1</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
PHE 580: Concepts of Environmental Health*	PHPM 524: Intro to Biostatistics*	HSMP 574: Health Systems Organization*
PHPM 512: Epidemiology I*	PHE 512: Principles of Health Behavior*	PHE 519: Etiology of Disease**
ESHH 519: Environmental Health in a Changing World**	ESHH 529: Toxicology and Risk**	ESHH 521: Occupational Health**
<b>Year 2</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
HSMP 573: Values and Ethics in Health**	Elective*** or ESHH 532 Environmental Biology	Elective*** or ESHH 534 Environmental Transport
Elective*** or ESHH 530 Environmental Chemistry	Elective***	Elective***
Elective***	ESHH 509: Field Experience**	ESHH 509: Field Experience**

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

\*\*ESHH Required

\*\*\*Elective courses not listed in the curriculum must be approved by the Academic Advisor and those outside of SPH must be approved by the Program Director.

Part-time Recommended Sequence of Courses for ESHH Students Matriculating 2017-2018

<b>Year 1</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
PHE 580: Concepts of Environmental Health*	PHPM 524: Intro to Biostatistics*	HSMP 574: Health Systems Organization*
PHPM 512: Epidemiology I*	PHE 512: Principles of Health Behavior*	PHE 519: Etiology of Disease**
<b>Year 2</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
HSMP 573: Values and Ethics in Health**	Elective*** or ESHH 532 Environmental Biology	Elective*** or ESHH 534 Environmental Transport
Elective*** or ESHH 530 Environmental Chemistry	Elective***	Elective***
<b>Year 3</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
ESHH 519: Environmental Health in a Changing World**	ESHH 529: Toxicology and Risk**	ESHH 521: Occupational Health**
Elective***	ESHH 509: Field Experience**	ESHH 509: Field Experience**

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

\*\*ESHH Required

\*\*\*Elective courses not listed in the curriculum must be approved by the Academic Advisor and those outside of SPH must be approved by the Program Director.

**Field Experience and Culminating Experience Requirements for ESHH**

Each ESHH student must complete a field experience and a separate culminating experience integrative paper. Details for the field experience can be found on the SPH website: <http://ohsu-psu-sph.org/index.php/current-students/field-experience/>. Details on the culminating experience can be found at <http://ohsu-psu-sph.org/index.php/students/culminating-experience/>

## **Appendix V: Master of Public Health - 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.

### **Program Competencies**

- 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 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.

### **MPH: Epidemiology Program of Study**

<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>
<i>Core Coursework (17 Credits)</i>		
BSTA 511	Estimation and Hypothesis Testing for Applied Biostatistics	4
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
PHPM 518/PHE 580	Concepts of Environmental Health	3
PHPM 512	Epidemiology	4
<i>Program Coursework (28 Credits)</i>		
BSTA 512	Linear Models	4
BSTA 513	Categorical Data Analysis	4
HSMP 573	Values & Ethics in Health	3
PHE 519	Introduction to the Etiology of Disease	3
PHPM 513	Epidemiology II (Methods)	4
PHPM 514	Epidemiology III (Causal Inference)	4
PHPM 536	Epidemiologic Data Analysis & Interpretation	4
PHPM 566	Current Issues in Public Health	2
<i>Elective courses from the following* (9 Credits)</i>		
BSTA 515	Data Management & Analysis in SAS	3
BSTA 517	Statistical Methods in Clinical Trials	3
BSTA 518	Spatial Data Analysis with GIS	3
BSTA 519	Longitudinal Data Analysis	3

PHPM 505	Reading and Conference	1-3
PHPM 540	Introduction to Research Proposal & Design	3
PHPM 556	HIV/AIDS Epidemiology	2
PHPM 568	Infectious Disease Epidemiology	2
PHPM 576	Chronic Disease Epidemiology	2
PHPM 630	Epi Journal Club	1
<i>Other courses may be approved by the MPH Epi Program Director.*</i>		
<i>Public Health Practicum (6 Credits)</i>		
PHPM 504	Field Experience/Practicum	6
<i>Certified in Public Health Examination (Pass/No Pass)</i>		
<i>Culminating Experience: Integrative Paper</i>		

### MPH: Epidemiology Course Sequencing

It is recommended that MPH certain courses be taken in a particular sequence to maximize the educational experience. Following are sample course plans for a full-time and part-time student. There are other possible schedules; always consult your advisor regarding your program of study to determine the course plan that best fits your schedule and goals.

Note: All core courses must be completed to be eligible for the CPH Exam. All core and program-required courses must be completed prior to beginning the field experience, except that one required course (typically PHPM 566: Current Issues) may be taken concurrently.

#### MPH: Epidemiology Full-time Student – Sample Course Plan

<b>Year 1</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)	
PHPM 512: Epi I (4)	PHPM 513: Epi II Methods (4)	PHPM 514: Epi III Causation (4)	PHPM 536: Epi Data Analysis (4)
Choose one core course: PHE 512, PHPM 518/PHE 580 or HSMP 574 (3)	PHPM 566: Current Issues (2)	PHPM 519: Etiology of Disease (3)	Choose one core course: PHPM 518/PHE 580 or HSMP 574 (3)
<b>Year 2</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
Choose one core course: PHE 512, PHPM 518/PHE 580 or HSMP 574 (3)	PHPM 504: Field Experience (3)	PHPM 504: Field Experience (3)	
Elective (3)	Elective (3)	Elective (3)	
HSMP 573: Ethics and Values (3)			
CPH Exam			

*MPH: Epidemiology Part-time Student – Sample Course Plan*

<b>Year 1: Complete Biostats Series and Epi Series</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)	
PHPM 512: Epi I (4)	PHPM 513: Epi II Methods (4)	PHPM 514: Epi III Causation (4)	PHPM 536: Epi Data Analysis (4)
<b>Year 2: Complete Core and Required Courses</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
Choose one: PHE 512, PHPM 518/PHE 580 <i>or</i> HSMP 574 (3)	Choose one: PHE 512, PHPM 518/PHE 580 <i>or</i> HSMP 574 (3)	Choose one: PHE 512, PHPM 518/PHE 580 <i>or</i> HSMP 574 (3)	Elective (optional)
HSMP 573: Ethics and Values (3)	PHPM 566: Current Issues* (2)	PHPM 519: Etiology of Disease* (3)	CPH Exam
<b>Year 3: Complete electives and Field Experience</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
Elective (3)	Elective (3)	Elective (3)	
	PHPM 504: Field Experience (3)	PHPM 504: Field Experience (3)	

**Field Experience and Culminating Experience Requirements**

Each EPI student must complete a field experience and a separate culminating experience integrative paper.

- Details for the field experience can be found on the SPH website: [ohsu-psu-sph.org/index.php/current-students/field-experience/](https://ohsu-psu-sph.org/index.php/current-students/field-experience/).
- Details on the culminating experience can be found at [ohsu-psu-sph.org/index.php/students/culminating-experience/](https://ohsu-psu-sph.org/index.php/students/culminating-experience/).

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

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.

### **Program Competencies**

Students graduating from the MPH: Health Management and Policy (HMP) program 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**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<i>Core Coursework (17 Credits)</i>		
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
PHE 580	Concepts of Environmental Health	3
CPH/PHE/PHPM	Epidemiology I (CPH, PHE 530, or PHPM 512)	4
PHE/PHPM	Introduction to Biostatistics (PHE or PHPM 524)	4
<i>Program Coursework (28 Credits)</i>		
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 Services	3
HSMP 588	Program Evaluation and Management In Health Services	3
<i>Elective courses from the following (15 Credits)</i>		
HSMP 544	Leadership and Governance in Health Services	3

HSMP 570	Health Administration	3
HSMP 572	Health Politics	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
PA 525	Grantwriting for Nonprofit Organizations	3
PA 543	Creating Collaborative Communities	3
PA 545	Organizational Development	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.		
<i>Public Health Organizational/Field Experience (6 Credits)</i>		
HSMP 509	Organizational/Field Experience	6
<i>Certified in Public Health Examination (Pass/No Pass)</i>		

### Recommended Course Sequencing

The curriculum will best serve your educational needs if you follow a recommended sequence of courses to maximize your learning. The faculty of the Health Management & Policy program 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.
- If you have no experience in health care, HSMP 570 Health Administration is a useful concentration elective to take early in your program.
- 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 509 Organizational 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.

### **Program Field Experience and Culminating Experience**

The Organizational Experience (HSMP 509) is the field experience for the Health Management and Policy Track. It provides the student with a customized final integrative experience that allows them to build skills for future practice, to integrate theoretical and applied knowledge obtained through coursework, and to develop skills of reflective practice to assist in integration and synthesis of program content and plan for future career directions.

All HMP students must complete HSMP 509 as part of their program of study. It is a 6-credit course. This field experience typically involves the student working on an administrative or management issue confronting a health services organization. It is an opportunity for the student to relate her/his academic experience in the HMP program to a practice setting. The site and the project must be pre-approved by both the student’s academic advisor and the HSMP 509 faculty of record.

The student spends a minimum of 200 hours of work in the field experience, usually operationalized as two days per week over one term, or one day per week over two terms. HSMP 509 normally is taken toward the end of the program. Students must have completed at least 42 graduate Credits in the MPH program, to ensure that they have sufficient academic experience to use their organizational experience as an integrative and reflective activity.

The final materials documenting the field experience consist of four-parts:

1. A narrative **Project Overview** that describes the work completed for the HSMP 509.
2. A **Project Report** that is prepared for the field organization and the University, and documents the work you have completed for the organization. The format and content of this submission is dependent upon the nature of the project and the needs and expectations of the organization.
3. A 10-minute **Oral Presentation** (using a standardized outline and in PowerPoint format) to faculty, students and preceptors, followed by a 5-minute **Q & A** session.
4. A **Self-Assessment of Competency Attainment**.

The culminating experience draws upon the breadth and depth of the field experience and the overall program of study, and is presented in the form of **an integrative paper** (approximately 10-12 pages) that is submitted only to the University. This should be a reflection on the value of the field experience, addressing:

- Achievement of the student's learning objectives that were articulated at the beginning of the organizational experience,
- Description of related learning,
- Opportunities for integration of knowledge, skills, and abilities developed through your program of study to an applied practice setting,
- Accomplishments of most, or all of the MPH:HMP program competencies,
- Needs for future professional development and/or continuing education, and
- Implications of the 509 experience and related learning for your future career.



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

Model Course of Study: MPH Health Management and Policy / MSW

<b>Year One (36 MSW Credits; 4 MPH Credits)</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
SW 540 Human Development Thru the Lifespan (3 Cr.)	SW 530 Skills for the Helping Process-Indiv & Families (3 Cr.)	SW 532 Advocacy and Empowerment (3 Cr.)
SW 541 Societal, Comm & Org Structures & Processes (3 Cr.)	SW 520 Social Welfare History and Policy (3 Cr.)	SW 515 Skills for the Helping Process - Groups (3 Cr.)
SW 539 Social Justice in Social Work (3 Cr.)	SW 550 SW Research & Evaluation I (3 Cr.)	PHPM 524 Introduction to Biostatistics (4 Credits)
SW 511 Field Placement and Seminar (4 Cr.)	SW 511 Field Placement and Seminar (4 Cr.)	SW 511 Field Placement and Seminar (4 Cr.)

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.).

<b>Year Two (27 MSW Credits; 12 MPH Credits)</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
SW 517 Health Across the Lifespan I (3 Cr.) <b>or</b> SW 533 Clinical Social Work Practice I (3 Cr.) <b>or</b> SW 586 Soc Work w/ Children, Yth & Families I (3 Cr.) <b>or</b> SW 593 Practice and Leadership with Communities and Org I (3 Cr.)	SW 518 Health Across the Lifespan II (3 Cr.) <b>or</b> SW 534 Clinical Social Work Practice II (3 Cr.) <b>or</b> SW 587 Soc Work w/ Children, Yth & Families II (3 Cr.) <b>or</b> SW 594 Practice and Leadership with Comm and Org II (3 Cr.)	SW 519 Health Across the Lifespan III (3 Cr.) <b>or</b> SW 535 Clinical Social Work Practice III (3 Cr.) <b>or</b> SW 588 Soc Work w/ Children, Yth & Families III (3 Cr.) <b>or</b> SW 595 Practice and Leadership with Comm and Org III (3 Cr.)
SW 512 Advanced Field Placement (4 Cr.)	SW 512 Advanced Field Placement (4 Cr.)	SW 512 Advanced Field Placement (4 Cr.)
PAH 541 Organizational Behavior in Health Service Org (3 Cr.)	PHE 512 Principles of Health Behavior I (3 Cr.)	MSW Elective (3 Cr.)
PAH 574 Health Systems Organization (3 Cr.)	PAH 588 Program Eval & Mgmt in Health Services (3 Cr.)	MSW Elective (3 Cr.)

<b>Year Three (33 MPH Credits; 3 MSW Credits)</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
PAH 571 Health Policy (3 Cr.)	PAH 577 Health Care Law and Regulation (3 Cr.)	PAH 576 Strategic Management in Health Care Org (3 Cr.)
PHE 530 Epidemiology I (4 Cr.) Counts as MSW Elective	PAH 587 Financial Management of Health Services (3 Cr.)	PAH 578 Continual Imprvmnt in Hlth Care or MPH elctv (3 Cr.)
PAH 586 Introduction to Health Economics (3 Cr.)	PHE 580 Concepts of Environmental Health (4 Cr.)	PAH 573 Values and Ethics in Health (3 Cr.)
MSW Elective (3 Cr.)	PAH 509 Practicum (3 Cr.)	PAH 509 Practicum (3 Cr.)

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

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.

### **Program Competencies**

Students graduating from the MPH: Health Promotion (HP) degree program 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**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<i>Core Coursework (17 Credits)</i>		
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
PHE 580	Concepts of Environmental Health	3
CPH/PHE/PHPM	Epidemiology I (CPH 541, PHE 530, or PHPM 512)	4
PHE/PHPM	Introduction to Biostatistics (PHE 515 or PHPM 524)	4
<i>Program Coursework (28 Credits)</i>		
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 -or- Media Advocacy	3
PHE 550	Program Planning	4
HSMP 573	Values & Ethics in Health	3
HSMP 588	Program Evaluation & Management	3
<i>Area of emphasis (9 Credits)</i>		
Determined by student and academic advisor.		

<i>Public Health Practicum (6 Credits)</i>		
PHE 504	Field Experience/Practicum	6
<i>Certified in Public Health Examination</i>		

### Recommended Course Sequencing

FALL	WINTER	SPRING	SUMMER
*PHE 511- Foundations of Public Health (3)  PHE 512 - Principles of Health Behavior (3) (FW)  PHPM 518 - Environment Health (3) (FWSSu)  PHPM 512 – Epidemiology I (4) (FWSSu)	PHE 515 - Biostatistics (4) (FWSSu)  *PHE 550 - Program Planning (4)  *PHE 541 - Media advocacy (3)	*PHE 517 - Community Organizing (3)  *PHE 519 - Etiology of Disease (3)  HSMP 574 – Health Systems Organization (3) (FWSSu)	Course offerings: <ul style="list-style-type: none"> <li>• Environmental Health (online)</li> <li>• Epidemiology</li> <li>• Health systems organization</li> <li>• Biostatistics (online)</li> </ul> NOTES <ul style="list-style-type: none"> <li>• CPH exam can be taken after core courses</li> </ul> * indicates course only offered during this quarter
HSMP 588 - Program Evaluation (3) (FW)  *PHE 520 – Qualitative Methods (3)  HSMP 573 Values and Ethics*** (3) (FWS)	*PHE 521 – Quantitative Methods (3)  Elective / Area of emphasis course (3)  Elective / Area of emphasis course (3)	Elective / Area of emphasis course (3)  PHE 504 - Field experience (6) Field presentation	NOTES <ul style="list-style-type: none"> <li>• If core and required courses completed BEFORE winter, PHE 504 can occur over winter (3 cr) and spring (3 cr)</li> <li>• Or PHE 504 can occur in spring (3) and summer (3) (with one fall credit for presentation)</li> <li>• Or PHE 504 can occur in summer (5cr) with one fall credit for presentation</li> </ul>

\* PHE 510, 530 recommended prereq

\*\* 30 hours completed coursework prereq

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

### Program Field Experience and Culminating Experience

#### *Field Experience*

The school requires all MPH students to complete a formal, supervised field experience (FE) in the practice of public health. The FE provides opportunities for students to work on a public health issue relevant to their area of specialization in a wide variety of agencies and organizational settings. The FE requirement is 200 clock hours for six graduate Credits. Students may complete the field experience in one term, or may spread the experience over two terms based on the nature of the practice experience and student's schedule.

Students must do the following to meet requirements for the field experience:

- Students may seek placements in public or private sector organizations that offer qualified health promotion preceptors.
- Students will complete a field experience application, which must be approved by their graduate advisors prior to the start of placement.
- As part of their field experience applications:
  - Students will develop individual learning competencies for the field experience.
  - Students will describe how their Area of Emphasis, field experience, and career objectives are connected.
  - Students will describe the Health Promotion track competencies of which they intend to gain mastery during their field experiences. These must include, at minimum, track competencies 1, 3, 4, 8, 9, and 10.

Preceptors will evaluate, using a survey instrument provided in the Field experience Handbook, the degree to which students accomplished their individual learning competencies and attained the track competencies. This evaluation must be submitted to the student's Field experience coordinator.

Following the completion of the Field Experience, students will prepare a field experience presentation, during which they will present hypothetical activities to demonstrate their mastery of competencies 2, 6, 6, and 7. This presentation will be to a panel of three faculty and will be evaluated for competency demonstration.

The Health Promotion PHE 504: Field Experience Guidelines provides necessary detail regarding field experience requirements, timelines, and procedures. This document and accompanying forms should be followed closely, and can be found on the SPH website: <http://ohsu-psu-sph.org/index.php/current-students/field-experience/>.

#### *Culminating Experience*

MPH students also are required to complete a **culminating experience** at the end of their program where they demonstrate mastery of the skills and knowledge acquired during their course of study. The culminating experience builds on the field experience and requires the student to synthesize, integrate, and apply the skills acquired and competencies met through the classroom and other public health experiences.

- All MPH programs require a final integrative paper for the culminating experience. Some programs have additional requirements. Specific information and requirements can be found in the culminating experience guidelines found at <http://ohsu-psu-sph.org/index.php/students/culminating-experience/>. Appendix IX: Master of Public Health - Primary Health Care and Health Disparities

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

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. (See sample course map below.)

In this sample course of study, Public Health coursework will count for 10 credits of MSW requirements as follows: PH 524 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. MSW/MPH students must complete PHE 540 Mass Communication during the “Boot Camp” session, which is offered the week before your second-year classes begin.

**Sample Course of Study: 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.

<b>Year One (15 MSW Credits; 22 MPH HP Credits)</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
SW 539 Social Justice in Social Work (3 Cr.)	SW 541 Societal, Community and Org Structures and Processes (3 Cr.)	SW 520 Social Welfare History and Policy (3 Cr.)
SW 540 Human Dev Thru the Lifespan (3 Cr.)	SW 550 SW Research & Eval I (3 Cr.)	*PH 524 Intro to Biostatistics* (4 Cr.) [Meets SW 551 Research and Eval. II requirement]
*PHE 580 Concepts of Environ Health* (3 Cr.)	*PHE 512 Principles of Health Behavior * (3 Cr.)	PHE 517 Community Organizing (3 Cr.)
PHE 511 Found of Pub Hlth (3 Cr.)	PHE 541 Media Advocacy (3 r.)	PHE 519 Etiology of Disease (3 Cr.)
<b>Summer Before Year Two (3 MPH HP Credits)</b>		
HSMP 574 Health Systems Org (3 credits)		
<b>Year Two (24 MSW Credits; 17 MPH HP Credits)</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
SW 530 Skills for the Helping Process – Indiv & Families (3 Cr.)	SW 515 Skills for the Helping Process - Groups (3 Cr.)	SW 532 Advocacy and Empowerment (3 Cr.)
SW 511 Field Placement and Seminar (4 Cr.)	SW 511 Field Placement and Seminar (4 Cr.)	SW 511 Field Placement and Seminar (4 Cr.)
*PHE 530 Epi I* (4 Cr.)	PHE 550 Health Promotion Program Planning (4 Cr.)	HSMP 573 Values and Ethics (3)
PHE 520 Qualitative Research Design (3 Cr.)	PHE 521 Quantitative Research Design (3 Cr.)	MSW Elective (3 Cr.)

<b>Year Three (30 MSW Credits; 9 MPH HP Credits)</b>		
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
SW 517 Health Across the Lifespan I (3 Cr.) <b>or</b> SW 533 Clinical Social Work Practice I (3 Cr.) <b>or</b> SW 586 Social Work with Children, Youth and Families I (3 Cr.) <b>or</b> SW 593 Practice and Leadership with Communities and Organizations I (3 Cr.)	SW 518 Health Across the Lifespan II (3 Cr.) <b>or</b> SW 534 Clinical Social Work Practice II (3 Cr.) <b>or</b> SW 587 Social Work with Children, Youth and Families II (3 Cr.) <b>or</b> SW 594 Practice and Leadership with Communities and Organizations II (3 Cr.)	SW 519 Health Across the Lifespan III (3 Cr.) <b>or</b> SW 535 Clinical Social Work Practice III (3 Cr.) <b>or</b> SW 588 Social Work with Children, Youth and Families III (3 Cr.) <b>or</b> SW 595 Practice and Leadership with Communities and Organizations III (3 Cr.)
SW 512 Advanced Field Placement (4 Cr.)	SW 512 Advanced Field Placement (4 Cr.)	SW 512 Advanced Field Placement (4 Cr.)
MSW Elective (3 Cr.)	MSW Elective (3 Cr.)	MSW Elective (3 Cr.)
PAH/HSMP 588 Program Evaluation and Management in Health Services (3 Cr.)	PHE 505 Field Experience/Internship (3 Cr.)	PHE 505 Field Experience/Internship (3 Cr.)

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

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

Students in the MURP/MPH Health Promotion track will need to complete at least 112 credits, which consists of 72 Urban and Regional Planning credits and 60 Public Health credits; 20 credits are shared across the programs. (See sample course map below.)

In this sample course of study, Public Health coursework will count for MURP requirements as follows: PHE 524 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.) MURP/MPH students are recommended to complete PHE 540 Mass Communication during the “Boot Camp” session, which is offered the week before third-year classes begin.

**Sample Course of Study: MPH Health Promotion / MURP**

Note that MURP and 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.

<b>Year 1 (25 MURP credits, 24 MPH credits)</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer/pre-fall/notes</b>
USP 540 History & Theory of Planning (4 cr)	USP 541 Dynamics of Planning Practice (3 cr)	USP 525 Design Analysis for Planning (2 cr)	*HSMP 574 Health Systems Organization* (3 cr) (this summer or next summer)
USP 533 Planning Methods I (4 cr) <i>[Substitutes for PHE 521] **</i>	USP 531 GIS for Planners (4 cr) <b>or</b> USP 594 Planning in the PNW (3 cr) <b>or</b> USP 616 Cities in the Glob Pol Economy (3 cr)	USP 553 Legal Proc in Planning (1 cr)	*PHE 524 Intro to Biostatistics* (4 cr) <i>[Substitutes for USP 535] **</i>
PHE 511 Found of Public Health (3 cr)	PHE 541 Media Advocacy (3 cr)	USP 531 GIS for Planners (4 cr) <b>or</b> USP 547 Urbanization & Planning in Global South (3 cr)	CPH exam can be taken after core courses done
	*PHE 512 Principles of Health Behavior* (3 cr)	*PHE 530 Epi I* (4 cr)	
		*PHE 580 Concepts of Environ Health* (3 cr)	
<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 Economic Applications to Urban Studies (4 cr)	USP 558 Planning Workshop (3 cr)	USP 558 Planning Workshop (6 cr)	

USP 584 Negotiation in the Public Sector (4 cr)	PHE 550 Health Promotion Program Planning (4 cr)	PHE 517 Community Organizing (3 cr)	
USP 550 Participatory Planning (3 cr)	PHE 521 Quantitative Research Design (3 cr)	PHE 519 Etiology of Disease (3 cr)	
USP 559 Planning Practice Seminar* (1 cr)	MURP/HP Elective (~3 credits)		
Year 3 (23 MURP credits, 17 MPH credits)			
Fall	Winter	Spring	Summer/pre-fall/notes
HSMP 588 Program Evaluation and Mgmt in Health Services (3 cr)	PHE 505 MPH Field experience (3 cr)**	PHE 505 MPH Field experience (3 cr) **	** 6 credits of field experience – either 3 (w) + 3(s) or 0 (w) + 6 (s) or 6 (w) + 0 (s)
HSMP 573 Values and Ethics in Health (3 cr)	MURP/HP electives (~9 credits)	MURP/HP electives (~9 credits)	
MURP/HP electives (~6 credits)			

\* MPH core course offered every term.

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].
- PH 524 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.

Details about Elective requirements:

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.



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

The MA/MS degree in Health Studies is designed to provide students with an interest in physical activity/exercise an opportunity for graduate study. Students must complete each of the common required courses (including the completion of a project or a thesis) as well as courses in the area of physical activity/exercise. MA/MS students must complete either a thesis or a project. The thesis option requires the completion and defense of a thesis (9 Credits), and the project option requires the completion of a project (6 Credits).

**MA/MS Health Studies: Program of Study**

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
<i>Program Coursework</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</i>		
CPH/PHE/PHPM	Epidemiology I (CPH 542, PHE 530, or PHPM 512)	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</i>		
	Thesis or Special Project	9 or 6

## **Appendix XII: Master of Public Health - Primary Health Care & Health Disparities**

Students in the OHSU-PSU School of Public Health MPH in Primary Health Care and Health Disparities 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 Primary Health Care and Health Disparities 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.

### **Program Competencies**

At the end of the MPH in Primary Health Care and Health Disparities program, the graduate 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 resource.

### **MPH: PHCHD Program of Study**

Each PHCHD student must complete the Core courses (17 Credits), Program courses (26 Credits), and the Graduate Internship in Public Health (6 Credits). In addition, each student will work with their Academic Advisor to select 9 Credits of electives to achieve the minimum of 58 total program Credits.

Course Number	Course Title	Credits (58)
<b>Core Coursework (17 Credits)</b>		
CPH 537	Principles of Health Behavior	3
CPH 539	Concepts of Environmental Health	3
CPH 541	Epidemiology I	4
HSMP 574	Health Systems Organization	3
PHPM 524	Introduction to Biostatistics	4
<b>Program Coursework (26 Credits)</b>		
CPH 521	Social Determinants of Health and Community Assessment	4

CPH 522	Communication & Informatics	3
CPH 528	Mgmt Practice and QI in Health Care & Public Health Organizations	3
CPH 531	The Social Context of Public Health Policy	3
CPH 535	Professionalism, Ethics and Systems Thinking in Public Health	4
CPH 536	Community Based Participatory Research	3
CPH 538	Public Health Program Evaluation	3
CPH 550	Public Health Program Planning	3
Elective Coursework from the following (9 Credits)*		
CPH 507A	Current Issues in Public Health	3
CPH 523	Global Perspectives and Program Development	3
CPH 526	Epidemiology of Aging and Chronic Disease	3
CPH 527	Epidemiology of Disease	3
*Other OHSU-PSU SPH courses may be approved by the student's Academic Advisor. Elective course offerings may vary year to year.		
Public Health Field Experience (6 Credits)		
CPH 509A	Graduate Internship in Public Health	6
Certified in Public Health Examination (Pass/No Pass)		

### Recommended Course Sequence

To maximize your educational experience, we recommend taking PHCHD courses in a particular sequence. Always consult your Academic Advisor regarding your program of study to determine the schedule that fits best for you. The following is a typical recommended sequence of courses. Courses do not necessarily have to be taken in the order listed on the Program of Study. Students are expected to consult with their Academic Advisor to design an individual plan.

#### *Full-time Recommended Sequence of Courses for PHCHD Students Matriculating 2017-2018*

<b>Year 1</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
CPH 521: Social Determinants of Health and Community Assessment	CPH 539: Concepts of Environmental Health	CPH 522: Communication and Informatics	CPH 535: Professionalism, Ethics and Systems Thinking in Public Health
CPH 541: Epidemiology I	HSMP 574: Health Systems Organization	CPH 536: Community Based Participatory Research	Elective**
PHPM 524: Introduction to Biostatistics	Elective**	CPH 537: Principles of Health Behavior	<b>Take CPH Exam*</b>
<b>Year 2</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
CPH 531: Social Context of Public Health Policy	CPH 538: Public Health Program Evaluation	CPH 528: Mgmt Practice and QI in Health Care and Public Health Org	CPH 509A: Graduate Internship in Public Health***
CPH 550: Public Health Program Planning	Elective**	CPH 509A: Graduate Internship in Public Health***	

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

\*\*Any CPH course may be taken as an elective. Courses outside of the PHCHD program must be approved by the Academic Advisor and those outside of SPH must be approved by the Program Director.  
 \*\*\*CPH 509A typically taken over two terms (3 Credits each).

*Part-time Program of Study for PHCHD Students Matriculating 2017-2018*

<b>Year 1</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
CPH 521: Social Determinants of Health & Community Assessment	CPH 539: Concepts of Environmental Health	CPH 536: Community Based Participatory Research	CPH 535: Professionalism, Ethics and Systems Thinking in Public Health
CPH 541: Epidemiology I	HSMP 574: Health Systems Organization	CPH 537: Principles of Health Behavior	Elective**
<b>Year 2</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
CPH 550: Public Health Program Planning	CPH 538: Public Health Program Evaluation	CPH 522: Communication and Informatics	<b>Take CPH Exam*</b>
PHPM 524: Introduction to Biostatistics	Elective**	CPH 528: Mgmt Practice and QI in Health Care and Public Health Org	
<b>Year 3</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
CPH 531: Social Context of Public Health Policy	Elective**		
CPH 509A: Graduate Field Experience in Public Health***	CPH 509A: Graduate Field Experience in Public Health***		

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

\*\*Any CPH course may be taken as an elective. Courses outside of the PHCHD program must be approved by the Academic Advisor and those outside of SPH must be approved by the Program Director.

\*\*\*CPH 509A typically taken over two terms (3 Credits each).

**Program Field Experience and Culminating Experience**

Each PHCHD student must complete a 200-hour field experience and a separate culminating experience integrative paper.

- Details for the field experience can be found on the SPH website at: <http://ohsu-psu-sph.org/index.php/current-students/field-experience/>
- Details on the culminating experience can be found at <http://ohsu-psu-sph.org/index.php/students/culminating-experience/>

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

Graduates of the OHSU-PSU School of Public Health 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.

### **Program Competencies**

At the end of the Graduate Certificate in Public Health program, the graduate 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.

### **GCPH: Program of Study**

Each GCPH student must complete the Core courses (17 Credits). In addition, each student will work with their Academic Advisor to select 3–4 Credits of electives to achieve the minimum of 20–21 total program Credits.

<b>Course Number</b>	<b>Course Title</b>	<b>Credits (20–21)</b>
<i>Core Coursework (17 Credits)</i>		
CPH 537	Principles of Health Behavior	3
CPH 539	Concepts of Environmental Health	3
CPH 541	Epidemiology I	4
HSMP 574	Health Systems Organization	3
PHPM 524	Introduction to Biostatistics	4
<i>Elective Coursework (3-4 Credits)</i>		

### **Recommended Course Sequencing**

To maximize your educational experience, we recommend taking GCPH courses in a particular sequence. Always consult your Academic Advisor regarding your program of study to determine the schedule that fits best for you. The following is a typical recommended sequence of courses. Courses do not necessarily have to be taken in the order listed on the Program of Study. Students are expected to consult with their Academic Advisor to design an individual plan.

*1-Year Recommended Sequence of Courses for GCPH Students Matriculating 2017–2018*

<b>Year 1</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
CPH 541: Epidemiology I	CPH 539: Concepts of Environmental Health	CPH 537: Principles of Health Behavior	<b>Take CPH Exam**</b>
PHPM 524: Introduction to Biostatistics	HSMP 574: Health Systems Organization	Elective*	

\*Any CPH course may be taken as an elective. Courses outside of the PHCHD program must be approved by the Academic Advisor and those outside of SPH must be approved by the Program Director.

\*\*Not a requirement for GCPH. All core courses must be completed to be eligible for the CPH exam.

*2-Year Recommended Sequence of Courses for GCPH Students Matriculating 2017–2018*

<b>Year 1</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
CPH 541: Epidemiology I	HSMP 574: Health Systems Organization	CPH 537: Principles of Health Behavior	Elective**
<b>Year 2</b>			
<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
PHPM 524: Introduction to Biostatistics	CPH 539: Concepts of Environmental Health	<b>Take CPH Exam**</b>	

\*Any CPH course may be taken as an elective. Courses outside of the PHCHD program must be approved by the Academic Advisor and those outside of SPH must be approved by the Program Director.

\*\*Not a requirement for GCPH; all core courses must be completed to be eligible for CPH exam.