

PROGRAM PLANNER

Student Name: _____

Advisor/Mentor: _____

Term/Year Matriculated: _____

Date of Most Recent Review with Advisor/Mentor: _____

I. Degree Requirements

A. Program credits

The PhD Program in Epidemiology requires at least 135 credits of core, elective and dissertation credit for graduation. At least 75% of the credits required should be taken at the 600-level (doctoral level). Please be attentive to this composition as you plan your course selection.

The application or transfer of previous course credit to the PhD in Epidemiology must receive approval from the Program Director in the Fall term of the first year. Syllabi for previous courses completed outside of the OHSU-PSU SPH must be provided. Consult the Program Handbook and the Program Director for instructions regarding this process and submission of required materials.

B. Comprehensive Exam Requirements

Epidemiology and Biostatistics Core Courses Required for Comprehensive Exam

To be eligible to sit for the Comprehensive Exam after having completed the following courses with a grade of B- or higher (with the exception of EPI 630, which is pass/fail):

EPI 613, EPI 614, EPI 636, EPI 610

EPI 630, at least 1 credit

BSTA 512/612 (or approved transfer of equivalent course)

BSTA 512/613 (or approved transfer of equivalent course)

II. Required Coursework

A. Epidemiology Core—24 credits

The epidemiology core must be completed within the SPH PhD Program in Epidemiology. These requirements *cannot* be met with transfer or application of credits from previous courses. Generally, full-time students complete EPI 613, EPI 614, EPI 636, EPI 610, and at least 1 credit of EPI 630 in the first year of the program.

Table 1. Required Epidemiology Core Courses (24 credits)

Number	Course Name	Credits	Grade	Term	Year
EPI 613	Epidemiology II: Methods	4			
EPI 614	Epidemiology III: Causal Inference	4			
EPI 636	Analysis & Interpret. of Epidemiologic Data	4			
EPI 630	Epidemiology Journal Club* (<i>must register for 2 terms, 1 credit/term</i>)	1			
		1			
EPI 640	Research and Proposal Design	3			
EPI 668	Infectious Disease Epidemiology	2			
EPI 676	Chronic Disease Epidemiology	2			
EPI 610	Epidemiology Doctoral Seminar	3			

* May be repeated additional times for elective credit.

OHSU-PSU School of Public Health
 PhD in Epidemiology Program
 Program of Study
 August 2018

B. Biostatistics Core—14 credits

It is highly recommended that students in the PhD Program in Epidemiology register for BSTA 612 and BSTA 613, even if similar courses were completed previously at the master’s level. Curriculum for EPI 610 and EPI 636 integrates material from these courses and their content will be covered on the comprehensive exam. If equivalent coursework in Linear Models or Categorical Data Analysis has not been completed prior to matriculation, students should register for the 600-level sections, BSTA 612 and BSTA 613. If credits for equivalent courses already completed at matriculation were approved for application or transfer to the program, mark column and complete the second table below.

Although students select either BSTA 514 or BSTA 519 to meet the core requirement, they are strongly encouraged to complete both. These methods are essential to the analysis and interpretation of epidemiologic data. If both courses are taken, select one to fulfill the Biostatistics Core requirement and the other to be applied to Methods Electives. Generally, full-time students complete BSTA 612 and BSTA 613 in the first year of the program, and take BSTA 519 and/or BSTA 514 in the second year.

Table 2. Biostatistics Core: (14 credits)

Number	Course Name	Credits	Grade	Term	Year	Application/ Transfer
BSTA 512/612	Linear Models	4				
BSTA 513/613	Categorical Data Analysis	4				
BSTA 515	Data Management (SAS)	3				
One of the following two courses is required:						
BSTA 514	Survival Analysis	3				
BSTA 519	Longitudinal Data Analysis	3				

List Biostatistics courses approved for application/transfer below (see Program Director).

Course Number	Course Name and Institution	Credits	Grade	Term	Year	Apply to SPH Course #

OHSU-PSU School of Public Health
 PhD in Epidemiology Program
 Program of Study
 August 2018

C. Public Health Core—13 credits

Students who have earned an MPH degree may request to apply or transfer credits for any or all of the first three courses listed in Table 3. If credits for equivalent courses already completed were approved for application or transfer to the program, complete the second table below. The remaining selective courses in health and social inequalities and ethics must be completed within the SPH PhD in Epidemiology.

Students without an MPH degree must complete the entire public health core during the program by registering for the 600-level section of each course.

Table 3. Public Health Core: (13 credits)

Course Number	Course Name	Credits	Grade	Term	Year	Application/Transfer
HSMP 574/674	Health Systems Organization	3				
ESHH 511/611	Concepts of Environmental Health	3				
PHE 512/612	Principles of Health Behavior	3				
PHE 622	Health and Social Inequalities	3				
Select <i>one</i> of the following two courses:						
CONJ 650	Scientific Ethics	1				
HSMP 673	Values and Ethics in Health	3				

List Public Health courses approved for application/transfer below (see Program Director).

Course Number	Course Title and Institution	Credits	Grade	Term	Year	Apply to SPH Course #

OHSU-PSU School of Public Health
 PhD in Epidemiology Program
 Program of Study
 August 2018

III. Electives

Elective coursework is taken from graduate level courses offered within the SPH or within other departments at OHSU or PSU. Elective selections must be taken for a letter grade, with the exception of EPI 650 (P/F only). Students are encouraged to plan ahead and to make themselves familiar with course offerings listed on-line in the SPH course catalog. In selecting Elective courses, please heed the limit on 500-level or master’s level course credits that can be used to fulfill degree requirements for the PhD in Epidemiology.

Elective selections outside the SPH require approval of the course instructor and must be approved by the student’s advisor/committee chair and the Program Director. Students requesting to enroll in courses outside the SPH should allow several weeks to obtain relevant approvals. The Graduate Registration Specialist (sphregistration@ohsu.edu) must be notified at least 4 weeks before the start of the term in which the course is offered to allow time for registration procedures to be completed. Last minute requests may be denied.

A. Methods Elective Courses—12 Required Credits

Students will take at least 12 credits of methods electives from graduate level courses offered at the OHSU-PSU SPH or within other departments at OHSU or PSU. Courses that satisfy the Methods Elective requirement are listed in Appendix 1. It is strongly recommended that students register for PHPM 611, Epidemiology Doctoral Seminar II, in their second or third year, in partial fulfillment of this requirement. Additionally, please be aware that no more than 6 credits of EPI 650, Mentored Epidemiology Research, can be used to satisfy the Methods Elective requirement, although students may take more than 6 credits of EPI 650 during the program.

Table 4. Methods Electives: (12 credits)

Course Number	Course Name	Credits	Grade	Term	Year
EPI 611	Epidemiology Doctoral Seminar II	2			
EPI 650	Mentored Epidemiology Research*				

* Only the first 6 credits of EPI 650 may be applied to the methods elective requirements. These credits may be spread across multiple terms.

B. Other Elective Courses—10 Required Credits

Students will also take at least 10 credits of other elective coursework. Course that satisfy this Elective requirement are listed in Appendix 2. Students are encouraged to choose topics relevant to their dissertation research and/or professional interest from graduate level courses offered at the OHSU-PSU SPH or within other departments at OHSU or PSU.

Table 5. Other Electives: (10 credits)

Course Number	Name	Credits	Grade	Term	Year

IV. Reading/Conference and Mentored Research Elective Options

Students develop their ability to synthesize and present epidemiologic principles, concepts, methods and results through directed educational activities with their mentor or other faculty supervisor. To develop these skills, it is anticipated that students in the PhD Program in Epidemiology will arrange to complete directed activities through EPI 605, Reading and Conference, and/or EPI 650, Mentored Epidemiology Research. Mentored Epidemiology Research is particularly relevant for completing research activities that lead to preparation of the dissertation research proposal.

In these courses, a student arranges to work with her or his advisor, committee chair, or other faculty supervisor to develop projects and learning objectives to be completed during the term. Before the start of the term complete the Directed Study Activity Request Form to describe the learning objectives and the activity to be accomplished. At the end of the term, students summarize their completed work in the End-of-Term Report Form, review it with their course supervisor for approval, and submit the completed form by the end of the term so grades can be submitted. Obtain these forms from, and submitted the completed form to, the Graduate Registration Specialist (sphregistration@ohsu.edu). Please consult the Program Handbook and/or the Program Director for more details.

Students must be self-directed and motivated to gain maximum benefit from these directed educational experiences. For the term in which the student is registered for Reading and Conference or Mentored Research credits, at least 33 hours of work must be completed for each credit requested (i.e. 1 credit=33 hours of work, 2 credits=66 hours of work, and so on).

In the table below, track only the credits of EPI 650 that are not applied as Methods Electives.

Table 6. Tracking Reading & Conference and Mentored Epidemiology Research credits.

Course Number	Name	Credits	Grade	Term	Year

OHSU-PSU School of Public Health
 PhD in Epidemiology Program
 Program of Study
 August 2018

V. Mentored Epidemiology Teaching (1 credit) and Dissertation (30 credits)

All epidemiology doctoral students must complete at least one term as a teaching assistant for an epidemiology course. During the term in which they complete their first teaching assistant assignment, students will register for the 1 credit Mentored Epidemiology Teaching course.

Upon successful completion of the dissertation proposal oral defense, students may register for dissertation credits. Student register for dissertation credits in the term following successful completion of the dissertation proposal. A minimum of 30 dissertation credits are required.

Table 7. Dissertation and Teaching (31 credits)

Course Number	Course Name	Credits	Grade	Term	Year
EPI 660	Mentored Epidemiology Teaching	1			
EPI 603	Epidemiology Dissertation				
EPI 603	Epidemiology Dissertation				
EPI 603	Epidemiology Dissertation				
EPI 603	Epidemiology Dissertation				
	Fill in more rows as needed				

OHSU-PSU School of Public Health
 PhD in Epidemiology Program
 Program of Study
 August 2018

Appendix 1: Courses that satisfy the Methods Electives requirement

Select methods electives from these courses. Courses not on this list may be selected in consultation with faculty advisor and Program Director. Obtain approval before registering. When planning these courses, please recall the limit on credit hours taken at the 500-level that can be applied to the program degree requirement.

Course Number and Name	Credits
EPI 611 Epidemiology Doctoral Seminar II	2
BSTA 514 Survival Analysis (if not taken as part of Biostat. core)	3
BSTA 516 Design & Analysis of Surveys	3
BSTA 517 Statistical Methods in Clinical Trials	3
BSTA 518 Spatial Data with GIS	3
BSTA 519 Longitudinal Data Analysis (if not take as part Biostat. core)	3
BSTA 522 Statistical Learning & Big Data	3
BSTA 550 Intro to Probability	3
BSTA 551 Mathematical Statistics I	3
BSTA 552 Mathematical Statistics II	3
CPH 610 Geographic Information Systems for Public Health	3
HIP 527 Systematic Reviews	2
HIP 509 Systematic Reviews Practicum (2-6)	2
GEOG 588 Geographic Information Systems	4
GEOG 597 Advanced Spatial Quantitative Analysis	4
PHE 524 Social Epidemiologic Methods and Theory	3
PSY 626 Multilevel Regression	4
PSY 623 Structural Equation Modeling	4
PSY 610 Hierarchical Linear Modeling for Longitudinal Data Analysis (check Banner for listing and course number)	4

OHSU-PSU School of Public Health
 PhD in Epidemiology Program
 Program of Study
 August 2018

Appendix 2: Approved Other Electives

Select other electives from these courses. Courses not on this list may be selected in consultation with faculty advisor and Program Director. Obtain approval before registering. When planning these courses, please recall the limit on credit hours taken at the 500-level that can be applied to the program degree requirement.

Course Number and Name	Credits
EPI 556 HIV/AIDS Epidemiology	3
EPI 567 Global Health Epidemiology	3
PHE 610 Developmental Origins Health & Disease Epidemiology	3
PHE 527 Food Systems and Public Health	3
PHE 612 Advanced Principals of Health Behavior	3
CPH 621 Social Determinants of Health	3
CPH 631 Social Context of Public Health Policy	3
CPH 636 Community Based Participatory Research	3
HSMP 681 Population Health: Policy Practical Implications	3
HSPM 610 Health Policy: Oregon Style	3
HSMP 671 Health Policy	3
HSMP 677 Health Care Law and Regulation	3
HIP 527 Systematic Reviews	2
HIP 509 Systematic Reviews Practicum (2-6)	2
HIP 530 Influence & Effective Communication: Leading Research Teams	2
BMI 512/612 Clinical Information Systems	3
BMI 582 Healthcare Management Information Governance	3
BMI 610 Intro to Biomedical and Health Informatics	3
BMI 614 Information Retrieval	3
BMI 621 Public Health Informatics	3
BMI 637 Healthcare Quality	3