2014-2015 Curriculum Guide for PhD degree program with a specialization in EPIDEMIOLOGY

Students admitted to the PhD degree program are assigned a faculty advisor who will provide guidance throughout the program. This document serves as a resource to be used by the student and the advisor in planning the program of study with a specialization in Epidemiology.

All students are expected to be familiar with the College of Public Health (CPH) Graduate Student Handbook (available at http://cph.osu.edu/students/graduate/handbooks that includes information about PhD requirements, and with the Graduate School Handbook (available at http://www.gradsch.ohio-state.edu/).

PROGRAM OF STUDY

The total number of credits required to earn the PhD in Epidemiology is 90. Students are expected to enter the program with a master’s degree or equivalent. With approval of the student’s advisor and Advisory Committee, up to 30 credits of appropriate master’s level course work can be counted toward the PhD. Additional requirements for courses and distribution of credits are provided below. Students should work closely with their advisor to develop a tentative curriculum plan during the first semester of their enrollment. In collaboration with their advisor, students are encouraged to form their Advisory Committee during their first year in the PhD program.

MAJOR FIELD (30 credits)

Required Courses:
PUBHEPI 6411* Biological Basis of Public Health 3 credits
PUBHEPI 7410 Epidemiology II & Lab 4 credits
PUBHEPI 7430 Epidemiology III 4 credits
PUBHEPI 8430 Epidemiology IV 4 credits
PUBHEPI 8899.03 Introductory Doctoral Seminar 2 credits (2 semesters)
PUBHEPI 8899.01 Doctoral Seminar: Research Methods 2 credits (2 semesters)
PUBHEPI 8899.02 Doctoral Seminar: Teaching Methods 2 credits (1 semester)
PUBHHBP 8899.02 Grant Writing Seminar 2 credits (2 semesters)

*Required for students who do not have an MD, DVM, or equivalent clinical degree

Suggested Electives: (Choose courses to bring the total credits for the major field to 30 credits)

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<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>PUBHEPI 6415 Nutrition in Public Health</td>
<td>3</td>
<td>PUBHEPI 6440 Reproductive and Perinatal</td>
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<td>PUBHEPI 6432 Injury Epidemiology</td>
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<td>PUBHEPI 6441 Women’s Health Issues</td>
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<td>PUBHEPI 6433 Psychiatric Epidemiology</td>
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<td>PUBHEPI 7411 Environmental Epidemiology</td>
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<tr>
<td>PUBHEPI 6434 Tuberculosis: a Public Health</td>
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<td>PUBHEPI 7413 Molecular Epidemiology of</td>
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<td>Issue</td>
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<td>Cancer</td>
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<td>PUBHEPI 8411 Epidemiology of Obesity</td>
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<td>Infectious Disease</td>
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<td>PUBHEPI 6437 Cancer Epidemiology</td>
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<td>VETPREV 7221 Epidemiology of Zoonotic Disease</td>
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<td>PUBHEPI 6438 Cardiovascular Disease</td>
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<td>VETPREV 8782 Veterinary Clinical Epidemiology</td>
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<td>Epidemiciology</td>
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<td>PUBHEPI 6439 Genetic Epidemiology</td>
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*Not offered 2014/2015
RESEARCH METHODS (30 credits)

Required Courses:
- PUBHBIO 6211 Design & Analysis of Studies in the Health Sciences II 3 credits
- PUBHBIO 6212 Regression Methods for the Health Sciences 3 credits
- PUBHBIO 7220 Applied Logistic Regression 3 credits
- PUBHBIO 7230 Applied Longitudinal Data Analysis 3 credits
- PUBHBIO 7235 Applied Survival Analysis 3 credits
- PUBHEPI 6431 Design & Implementation of Health Surveys 3 credits
- PUBHEPI 7431 Epidemiological Methods 3 credits
- STAT 6450 Applied Regression Analysis 4 credits

Suggested Research Methods Electives: (Choose courses to bring the total credits for research methods to 30 credits)
- PUBHBIO 7215 Design and Analysis of Clinical Trials 2 credits
- PUBHBIO 7240 Applied Statistical Analysis with Missing Data 3 credits
- PUBHBIO 7225 Survey Sampling Methods 3 credits
- PUBHBIO 8230 Advanced Longitudinal Data Analysis 3 credits
- PUBHBIO 8235 Advanced Regression Modeling of Time-to-Event Data 3 credits
- PUBHEPI 7412 Principals & Procedures for Human Clinical Trials 3 credits
- PUBHEPI 8412 Design and Analysis of Group-Randomized Trials 3 credits
- SOCIOL 8651 Hierarchical Linear Models 3 credits
- SOCIOL 8607 Causal Modeling 3 credits

Other courses as appropriate and approved with advisor

‡Not offered 2014/2015

MINOR FIELD (15 credits)

In collaboration with your advisor and Advisory Committee, choose courses to bring the total credits for your minor field to 15 credits.

DISSERTATION (15 credits)

PUBHLTH 8998/8999 Pre-Candidacy and Post-Candidacy Dissertation Credits 15 credits

Note that a maximum of 20 credits of dissertation work can be counted toward the degree.

Grade Policy:
In addition to the general Graduate School requirements of a cumulative grade point average of 3.0 or higher, students must meet specific college grade policies. Students should familiarize themselves with Section 11 of the College of Public Health Graduate Student Handbook.

Office of Academic Programs and Student Services (OAPSS)
OAPSS staff are available to provide assistance with College, Graduate School and University policies and procedures. Students can make an appointment with a staff member in OAPSS by calling (614) 292-8350.
OAPSS address: 100 Cunz Hall/1841 Neil Ave/Columbus, Ohio/ 43210/cph.osu.edu