

Status: PENDING

**PROGRAM REQUEST**  
Master of Public Health (MPH)

Last Updated: Myers, Dena Elizabeth  
12/28/2010

<b>Fiscal Unit/Academic Org</b>	School Of Public Health - D2505
<b>Administering College/Academic Group</b>	Public Health
<b>Co-administering College/Academic Group</b>	
<b>Semester Conversion Designation</b>	Converted with minimal changes to program goals and/or curricular requirements (e.g., sub-plan/specialization name changes, changes in electives and/or prerequisites, minimal changes in overall structure of program, minimal or no changes in program goals or content)
<b>Current Program/Plan Name</b>	Public Health (MPH)
<b>Proposed Program/Plan Name</b>	Master of Public Health (MPH)
<b>Program/Plan Code Abbreviation</b>	MPH-MP
<b>Current Degree Title</b>	Master of Public Health

**Credit Hour Explanation**

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		60	40.0	45	5.0
Required credit hours offered by the unit	Minimum	60	40.0	45	5.0
	Maximum	60	40.0	45	5.0
Required credit hours offered outside of the unit	Minimum	0	0.0		
	Maximum	0	0.0		
Required prerequisite credit hours not included above	Minimum	0	0.0		
	Maximum	0	0.0		

**Explain any change in credit hours if the difference is more than 4 semester credit hours between the values listed in columns B and C for any row in the above table**

The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. This represents an equivalent increase of 5-8 semester credit hours. The rationale was based on the need to meet CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies. The College and the respective Divisions expanded content (i.e. scope; depth) of existing quarter-based courses (i.e. 4 qtr cr hr; 40 contact hr) to the modified semester-based courses (i.e. 3 sem cr hr; 45 contact hr). The MPH degree underwent full accreditation review in 2009 and the modifications remain in alignment with the degree program competencies.

**Program Learning Goals**

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

**Program Learning Goals**

- Apply descriptive and graphical techniques commonly used to summarize public health data.
- Describe basic concepts of probability, random variation and commonly used statistical probability distributions.
- Apply common statistical methods for inference and describe the assumptions required for each method.
- Interpret results of statistical analyses found in public health studies.
- Define and distinguish various environmental agents (i.e., chemical, physical, and biological) and environmental classifications (i.e. natural, anthropogenic, social, and cultural) that influence public health.
- Summarize the various environmental media and the chemical and physical factors that influence contaminant partitioning, fate, and transport within and between environmental media as relevant to human exposure.
- Discuss pollutant chemical and physical factors as well as human physiologic factors that influence human exposure and the uptake of environmental contaminants.  
Identify approaches for assessing and controlling environmental agents.
- Recognize individual (e.g., genetic, physiologic and psychosocial) and community (poverty, social, built, economic, race) susceptibility factors that influence population health.
- Describe a public health problem in terms of magnitude, person, time and place.
- Identify key sources of data for epidemiologic purposes.
- Calculate basic epidemiology measures such as odds ratio, relative risk, and standardized mortality ratio.
- Evaluate the strengths and limitations of epidemiologic studies reported in the literature, including an assessment of the internal validity of the design and the appropriateness of the analysis.
- Draw appropriate inferences from epidemiologic data.
- Describe the role of social, behavioral, and community factors in both the onset and solution of public health problems.
- Identify basic theories, concepts and models from a range of social and behavioral disciplines that are used in public health research and practice.
- Discuss ethical issues in public health program planning, implementation and evaluation
- Identify individual, organizational and community concerns, assets, resources and deficits for social and behavioral science interventions.
- Identify the main components of and the principal issues surrounding the organization, financing and delivery of services in the U. S. health care system.
- Describe the process for enacting policy and regulations relating health care across levels and branches of government.
- Summarize ways of measuring and evaluating the quality and efficiency of health care delivery.
- Specify the major determinants of human health and disease, and explain the contribution of health care services relative to genetics, health behaviors, social factors, and other determinants of human health.

**Assessment**

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

**Is this a degree program (undergraduate, graduate, or professional) or major proposal? Yes**

**Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? No**

**DIRECT MEASURES (means of assessment that measure performance directly, are authentic and minimize mitigating or intervening factors)**

**Standardized tests**

- National standardized examination

**Classroom assignments**

- Embedded testing (i.e. specific questions in homework or exams that allow faculty to assess students' attainments of a specific learning goal)
- Other classroom assessment methods (e.g., writing assignments, oral presentations, oral exams)

**Evaluation of a body of work produced by the student**

- Practicum, internship or research evaluation of student work
- Portfolio evaluation of student work
- Senior thesis or major project
- Capstone course reports, papers, or presentations
- Performance or gallery display or work

**Direct assessment methods specifically applicable to graduate programs**

- Thesis/dissertation oral defense and/or other oral presentation
- Thesis/dissertation (written document)
- Publications

**INDIRECT MEASURES (means of assessment that are related to direct measures but are steps removed from those measures)**

**Surveys and Interviews**

- Student survey
- Alumni survey
- Employer feedback or survey
- Student evaluation of instruction
- Student interviews or focus groups

**Additional types of indirect evidence**

- Job or post-baccalaureate education placement
- Student or alumni honors/recognition achieved
- Peer review of program
- External program review
- Curriculum or syllabus review
- Grade review
- Outreach participation
- Other: CEPH accreditation

**USE OF DATA (how the program uses or will use the evaluation data to make evidence-based improvements to the program periodically)**

- Meet with students directly to discuss their performance
- Analyze and discuss trends with the unit's faculty
- Analyze and report to college/school
- Analyze and report to accrediting organization
- Make improvements in curricular requirements (e.g., add, subtract courses)
- Make improvements in course content

- Make improvements in course delivery and learning activities within courses
- Make improvements in learning facilities, laboratories, and/or equipment
- Periodically confirm that current curriculum and courses are facilitating student attainment of program goals
- Benchmark against best programs in the field

## Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

<b>Program Specialization/Sub-Plan Name</b>	Biostatistics (Existing)
<b>Program Specialization/Sub-Plan Goals</b>	<ul style="list-style-type: none"> <li>• Critique scientific research articles and assess the appropriateness of statistical applications involved.</li> <li>• Conduct statistical procedures and data analysis methods appropriate for analyzing data obtained from health-related research studies.</li> <li>• Make statistical inferences and prepare reports to communicate them, with limited supervision.</li> <li>• Apply appropriate statistical techniques for analyzing public health-related data with specific characteristics, including:               <ul style="list-style-type: none"> <li>Continuous data</li> <li>Categorical data</li> <li>Time-to event data</li> <li>Repeated measurements data</li> <li>Clustered data</li> </ul> </li> <li>• Design survey questionnaires and analyze resulting survey data.</li> <li>• Use at least one major statistical data analysis package (STATA, SPSS, SAS, R, or Splus).</li> </ul>
<b>Program Specialization/Sub-Plan Name</b>	Prog for Exper Professional (Existing)
<b>Program Specialization/Sub-Plan Goals</b>	<ul style="list-style-type: none"> <li>• Discuss key themes and events in the history and development of public health.</li> <li>• Apply basic management concepts to plan, organize, lead, and motivate workers in a public health setting.</li> <li>• Demonstrate team-building, negotiation, and conflict management skills.</li> <li>• Design and implement process and outcome evaluations of public health interventions.</li> <li>• Manage human and financial resources efficiently and effectively to accomplish goals and objectives.</li> <li>• Develop and present a budget for a public health program.</li> <li>• Participate effectively in the public and organizational policy process, including the creation and implementation of policy and the political aspects of policy.</li> <li>• Communicate effectively with a variety of constituencies, internal and external to the organization or agency, and serve as an advocate for public health.</li> <li>• Collaborate with diverse partners to accomplish organizational and community goals.</li> <li>• Conduct data analyses with an appropriate statistical data analysis package.</li> <li>• Maintain values that are appropriate and relevant to the profession and to the communities and settings in which they work.</li> </ul>
<b>Program Specialization/Sub-Plan Name</b>	Veterinary Public Health (Existing)

**Program Specialization/Sub-Plan Goals**

- Describe zoonotic and foodborne infectious diseases, especially those that are reportable, bioterrorism threats, or have a major impact on public health.
- Design epidemiological and field studies to assess prevalence and distribution of zoonotic and foodborne diseases, as well as surveillance and monitoring methods.
- Coordinate data collection and epidemiological database management, including quality control of data.
- Tabulate and analyze epidemiological data using standard statistical methods.
- Evaluate disease prevention, control and/or eradication programs, including pre- and post-harvest intervention programs.
- Provide technical advice and guidance in surveillance methods, study design, and data collection.
- Plan, initiate and conduct case and outbreak investigations of zoonotic and foodborne diseases.
- Determine the appropriate human, animal, arthropod, food product, and/or environmental specimens for lab analysis, as well as the proper tests and the right delivery procedures.
- Review technical and confidential case reports, scientific publications and different sources of information for accuracy and correctness.
- Prepare summaries, reports, and presentations for different target audiences.

**Program Specialization/Sub-Plan Name**

Clinical Translational Science (Existing)

**Program Specialization/Sub-Plan Goals**

- Design a clinical investigation relevant to the student's field of clinical specialty, including the definition of study aims and objectives and the creation of an appropriate study design.
- Identify and employ data collection strategies and instruments appropriate to the student's field of clinical specialty.
- Select appropriate methods for the analysis of clinical research data.
- Collaboratively prepare a grant application to seek funding for a clinical investigation project.
- Use decision analysis and relevant evaluation methods to examine issues of appropriate implementation of treatments or technologies.
- Recognize ethical issues that are likely to arise in clinical investigations and the procedures for handling them appropriately.
- Apply ethical principles to the conduct of clinical investigations, with special emphasis on protection of research subjects.
- Prepare a manuscript suitable for publication and/or for reporting to a sponsor on the conduct and results of a clinical investigation.

**Program Specialization/Sub-Plan Name**

Hlth Services Mgt & Policy (Existing)

**Program Specialization/Sub-Plan Goals**

- Summarize public policy processes related to health care, including the creation and implementation of policy and the political aspects of policy.
- Describe the types of health care financing methods used by state and federal agencies and private organizations and their implications for health services access, quality and cost.
- Describe the organization, governance, and management structure of typical public and private health care delivery systems in the U.S.
- Apply techniques of budgeting and financial analysis related to health care delivery and public health programs.
- Apply organizational theories and management principles appropriate for managing in health care delivery and public health settings.
- Identify key principles involved in leading and sustaining organizational change.
- Apply basic principles of ethical analysis to issues related to management and health policy in communities and organizational settings.
- Use relevant economic principles to analyze the structure, management, and performance of organizations and the health system.
- Communicate effectively with diverse constituencies, both within and external to health services organizations.

**Program Specialization/Sub-Plan Name**

Hlth Behavior & Hlth Promotion (Existing)

**Program Specialization/Sub-Plan Goals**

- Explain the history, scope, and philosophical basis of public health education.
- Critically assess the evidence linking behavioral and psychosocial factors to health and illness.
- Apply behavioral and social science theory to the development and implementation of health promotion and disease prevention programs at multiple targets and different levels of intervention (intrapersonal, interpersonal, and community).
- Critically assess the scientific literature describing health promotion interventions.
- Assess and summarize the health-related needs and resources of a defined community.
- Identify mechanisms to secure funding, manage and administer health promotion and disease prevention programs so as to ensure optimal program delivery.
- Design and carry out process evaluation for the improvement of health promotion programs.
- Collaboratively design and carry out outcome evaluations of health promotion programs.
- Apply ethical principles to the planning and evaluation of social and behavioral change efforts.
- Demonstrate cultural competency when planning health promotion and disease prevention activities.
- Recognize the importance of health literacy in creating and/or evaluating health promotion and disease prevention materials.
- Explain how health promotion efforts enable communities to influence their own well-being.
- Anticipate challenges and opportunities in working collaboratively with communities.
- Advocate for social and behavioral science intervention and policies.

**Program Specialization/Sub-Plan Name**

Epidemiology (Existing)

**Program Specialization/Sub-Plan Goals**

- Design a survey to examine a public health problem or for use in an epidemiologic investigation.
- Choose the correct analysis for data obtained from an epidemiologic investigation, including data from surveys, matched and unmatched case-control studies, cohort studies, and clinical trials.
- Analyze and interpret data obtained from an epidemiologic investigation, including data from surveys, matched and unmatched case-control studies, cohort studies, and clinical trials.
- Assess confounding and effect modification in data from an epidemiologic investigation.
- Demonstrate familiarity with the basic content and issues in at least two substantive areas of application in epidemiology (e.g., cardiovascular; cancer; chronic disease; infectious disease; injury).
- Identify the natural histories of major types of disease and their relevance to epidemiologic investigations.
- Use appropriate computer software for the management and analysis of epidemiologic data.

**Program Specialization/Sub-Plan Name**

Environmental Health Sciences (Existing)

**Program Specialization/Sub-Plan Goals**

- Explain the significance of the community and workplace environment to public health.
- Outline the health threat that natural and anthropogenic contaminants in the environment can pose to population health.
- Compare the fate, transport, and human uptake of chemical and biological agents.
- Explain the physiological factors that influence human exposure and the uptake of chemical and biological environmental agents.
- Critique and conduct human risk assessments.
- Identify and explain individual (e.g., genetic, physiologic and psychosocial) and community (social, built, economic, race) susceptibility factors that heighten the risk for populations for adverse health outcomes from environmental hazards.
- Define, recognize, and explain environmental justice and its significance as a public health issue.
- Use various risk management and risk communication approaches for environmental hazards.
- Summarize the underlying mechanisms of toxicity resulting from exposure to environmental agents.
- Describe federal and state regulatory programs, guidelines and authorities relevant to environmental and occupational health.
- Compare the principle components and influencing factors in the exposure continuum from source to disease.

**Pre-Major**

Does this Program have a Pre-Major? No

**Attachments**

- ATTACHMENT\_CPH\_LETTER(Final\_12-23-10).pdf: CPH Letter + Exec Summary

*(Letter from the College to OAA. Owner: Bisesi, Michael Salvatore)*

- ATTACHMENT\_CPH\_MPH(12-23-10).pdf: CPH MPH Info + Degree Specializations

*(Program Rationale Statement. Owner: Bisesi, Michael Salvatore)*

**Comments**

- The MPH has eight specializations. The MPH quarter-based curricula, core and specialized goals (competencies), aligned course learning objectives, and assessment plan and process were approved by the accreditation organization CEPH. These are completely reflected within the converted semester-based program and specializations. *(by Bisesi,Michael Salvatore on 12/28/2010 11:21 AM)*

**Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	Bisesi,Michael Salvatore	12/28/2010 11:21 AM	Submitted for Approval
Approved	Ferketich,Amy Kathleen	12/28/2010 11:27 AM	Unit Approval
Approved	Ferketich,Amy Kathleen	12/28/2010 11:33 AM	College Approval
Approved	Myers,Dena Elizabeth	12/28/2010 11:39 AM	GradSchool Approval
Pending Approval	Soave,Melissa A	12/28/2010 11:39 AM	CAA Approval





**TO:** OSU Office of Academic Affairs

**FROM:** Stanley Lemeshow, PhD – Dean  
Michael Bisesi, PhD – Senior Associate Dean, Academic Affairs  
Amy Ferketich, PhD – Chair, Graduate Studies Committee

**DATE:** December 23, 2010

**RE:** Quarter-to-Semester (Q2S) Conversion for the College of Public Health (CPH)

### **CPH Quarter-Based CPH Degrees and Specializations**

The College of Public Health (CPH) currently offers several quarter-based graduate degrees and program specializations, as shown below:

- **Master of Health Administration (MHA) degree (84 quarter credit hours)**
- **Master of Public Health (MPH) degree w/ eight program specializations:**
  - Biostatistics (60 quarter credit hours)
  - Clinical Investigation (60 quarter credit hours)
  - Environmental Health Sciences (60 quarter credit hours)
  - Epidemiology (60 quarter credit hours)
  - Health Behavior & Health Promotion (60 quarter credit hours)
  - Health Services Management & Policy (60 quarter credit hours)
  - Program for Experienced Professionals (60 quarter credit hours)
  - Veterinary Public Health (60 quarter credit hours)
- **Master of Science (MS) degree w/ three program specializations:**
  - Biostatistics (60 quarter credit hours)
  - Environmental Health Sciences (60 quarter credit hours)
  - Epidemiology (60 quarter credit hours)
- **Doctor of Philosophy (PhD) degree w/ five program specializations:**
  - Biostatistics (120 quarter credit hours)
  - Environmental Health Sciences (120 quarter credit hours)
  - Epidemiology (60 quarter credit hours)
  - Health Behavior & Health Promotion (120 quarter credit hours)
  - Health Services Management & Policy (120 quarter credit hours)

### **CPH Program-Specific and College Accreditation**

During 2009-10, the MHA degree was fully reaccredited by the Commission on Accreditation of Healthcare Management Education (CAHME) and the MPH, MS and PhD degrees, via a college-wide self-study and review, were fully reaccredited by the Council on Education for Public Health (CEPH). Both CAHME and CEPH are aware that the courses and programs are undergoing conversion from quarter-to-semester credit hours and schedules with planned implementation summer 2012.

**CPH Q2S Conversion: Process**

To initiate the process within the college, a CPH Q2S Committee was formed in December 2009 consisting of division chairs and faculty members representing each degree and program specialization plus representation from the CPH Academic Affairs Office of Academic Programs. The committee was chaired by the Senior Associate Dean for Academic Affairs. The committee's major roles were to interpret information conveyed by the OSU Office of Academic Affairs (OAA) and establish the related parameters and work plan for converting the courses and programs at the CPH division-levels. Course and program conversions were drafted, reviewed, revised, finalized and approved by the respective divisions. All course and program information submitted from the five divisions was reviewed and approved by the CPH Graduate Studies Committee and the Senior Associate Dean for Academic Affairs.

**CPH Q2S Conversion: Courses**

- **Course Titles and Descriptions:** The titles and descriptions of many of the existing courses were changed to better reflect the content without deviating from the original course learning objectives.
- **Course Codes:** The course numbers were changed to comply with the new OSU 4-digit format and categories of levels. Seven-letter alpha codes will precede each number. Refer to the table summary below:

CPH Division	Alpha Code
Biostatistics	PUBHBIO
Environmental Health Sciences	PUBHEHS
Epidemiology	PUBHEPI
Health Behavior & Health Promotion	PUBHHBP
Health Service Management & Policy	PUBHHMP
Interdisciplinary	PUBHLTH

- **Course Learning Objectives:** Due to the recent (2009-10) CEPH and CAHME reaccreditation reviews and full-term approvals, relatively minor modifications were made to the quarter-based curricula, core and specialized goals (competencies), aligned course learning objectives, and assessment plan and process. Indeed, these are completely reflected within the converted semester-based program and specializations.
- **Credit Hour Conversion Factor:** A 0.667 factor with rounding was used to convert from quarter-to-semester credits for approximately 100% of the existing quarter-based didactic courses within the college. For example, quarter-based lecture courses that are 4 quarter credit hours and 40 contact hours were converted to 3 semester credit hours and 45 contact hours. Refer to the table summary below:

Current Number Didactic Courses	Quarter Credit Hours (10 Equivalent Contact Hrs per Credit)	Semester Credit Hours (15 Equivalent Contact Hrs per Credit)	Change in Equivalent Contact Hours per Course
75	4	3	+5
5	3	2	0
2	4	4	+20
2	2	2	0
1	5	3	-5
1 (elective)	2	3	+15
4	2	1.5	+3

Similar conversion was made to the non-didactic courses to establish min/max credits. See table below:

Alpha Code	Numeric Code	Course	Variable Semester Credits		Max Total Semester Credits Allowed	Max Completions Allowed
			Min	Max		
PUBHLTH	6189.01	Gen'l Field Experience	1	6	6	6
PUBHLTH	6189.02	Global Health Field Experience	1	6	6	6
PUBHLTH	7189	Public Health Practicum	1	6	6	6
PUBHLTH	7191	Public Health Internship	1	6	6	6
PUBHLTH	7998	Culminating Project in PH	1	3	6	6
PUBHLTH	8998	Research Pre-Candidacy	1	12	12	12
PUBHLTH	7999	Public Health Thesis Research	1	15	15	15
PUBHLTH	8999	Public Health Dissertation Resch	1	12	99	99
PUBH(3-letter Division)	7899	Division Seminar (Regular)	1	3	9	9
PUBH(3-letter Division)	8899	PhD Seminar	1	3	9	9
PUBH(3-letter Division)	7888	Interdivisional Seminar	1	3	9	9
PUBH(3-letter Division)	X193	Individual Studies	1	4	16	16
PUBH(3-letter Division)	X194	Group Studies	1	3	12	12
PUBH(3-letter Division)	X797	Study at a Foreign Institution	1	6	12	12
PUBH(3-letter Division)	7X50	Special Topics	1	6	12	12

- **New and Discontinued Courses:** Twelve new didactic courses were developed for 2012 implementation. Five existing courses will be discontinued.

**CPH Q2S Conversion: Degrees and Program Specializations**

- **Degree and Program Specialization Competencies:** Due to the recent (2009-10) CEPH and CAHME reaccreditation reviews and full-term approvals, relatively minor to negligible modifications were made to the quarter-based curricula, core and specialized goals (competencies), aligned course learning objectives, and assessment plan and process. Indeed, current content, etc. are completely reflected within the converted semester-based program and specializations.
- **Titles:** There are no Q2S changes relative to the titles of the degrees or names of the specializations.
- **MHA Degree (no specializations):** The MHA degree currently requires a minimum of 84 quarter credit hours, which is equivalent to 56 semester credit hours. The college decided to change the degree to a minimum requirement of 60 semester credit hours. This represents an equivalent increase of 4 semester credit hours. The rationale was based on the need to meet CAHME requirements, better align with several other accredited MHA degree programs, and provide increased scope and depth of content to better meet the degree core and program specialized competencies.
- **MPH Degree (eight specializations):** The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. This represents an equivalent increase of 5-8 semester credit hours from the equivalent quarter credits and is 3 to 6 semester credits higher than the CEPH minimum requirement. The rationale was based on the need to meet CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies.
  - Biostatistics (48 semester credit hours)
  - Clinical Investigation (45 semester credit hours)
  - Environmental Health Sciences (45 semester credit hours)
  - Epidemiology (48 semester credit hours)

- Health Behavior & Health Promotion (45 semester credit hours)
  - Health Services Management & Policy (48 semester credit hours)
  - Program for Experienced Professionals (45 semester credit hours)
  - Veterinary Public Health (45 semester credit hours)
- **MS Degree (three specializations):** The college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours for the MS degree. This represents an equivalent increase of 5-8 semester credit hours. The rationale was based on the need to better align with several other accredited schools of public health master degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies.
    - Biostatistics (48 semester credit hours)
    - Environmental Health Sciences (45 semester credit hours)
    - Epidemiology (48 semester credit hours)
  - **PhD Degree (five specializations):** The PhD in Public Health currently requires a minimum of 120 quarter credit hours, which is equivalent to 80 semester credit hours. For the PhD degree, the college will follow the Q2S baseline requirement of a minimum of 80 semester credit hours established by the Graduate School. However, two of the five specializations, environmental health science and epidemiology, will require 90 semester credit hours and the remaining will require 80 semester credit hours.
    - Biostatistics (80 semester credit hours)
    - Environmental Health Sciences (90 semester credit hours)
    - Epidemiology (90 semester credit hours)
    - Health Behavior & Health Promotion (80 semester credit hours)
    - Health Services Management & Policy (80 semester credit hours)
  - Refer to the table below:

Degree	Specialization	Total Credit	Core Course Credit	Major Course Credit	Elec Course Credit	Prac-ticum Credit	Res Method Credit	Minor Credit	Thesis/Disser-tation Credit
<b>MPH</b>	Biostatistics	48	15	24	4	2, 3	-	-	-
	Clinical Transl Sci	45	16	21	3	2, 3	-	-	-
	Env Hlth Sci	45	15	19	6	2, 3	-	-	-
	Epidemiology	48	16	19-22	5-8	2, 3	-	-	-
	Hlth Behav Promo	45	15	20	4	2, 4	-	-	-
	Hlth Serv Mgt Policy	48	15	21	7	2, 3	-	-	-
	Prog Exper Prof	45	16	12	12	2, 3	-	-	-
Vet Pub Hlth	45	15	15	10	2, 3	-	-	-	
<b>MHA</b>	Health Admin	60	15	37.5	7.5	-	-	-	-
<b>MS</b>	Biostatistics	45	-	30	12	-	-	-	3
	Env Hlth Sci	45	-	36	6	-	-	-	3
	Epidemiology	48	-	38-39	6-7	-	-	-	3
<b>PhD</b>	Biostatistics	80	-	44	15	-	-	6	15
	Env Hlth Sci	90	-	33	6	-	24	12	15
	Epidemiology	90	-	15	15	-	30	15	15
	Hlth Behav Promo	80	-	31	-	-	31	12	6
	Hlth Serv Mgt Policy	80	-	25	7	-	24	15	9

**CPH Q2S Conversion: Transition Plan**

- The transition from a quarter-based to semester-based curriculum will be relatively straightforward for all the degrees and specializations. During January 2011, the CPH website will have a list of the quarter-based courses and the equivalent semester-based courses so that existing students who will likely still be enrolled beyond spring quarter 2012 can plan their course schedules. Each degree and program will indicate the equivalent semester-based courses required to meet the curriculum requirements specified in students original quarter-based plans of study. (Refer to last bullet for table summary)
- With assistance from their academic advisors, students will be provided with a list of quarter-based courses to complete during the quarters beginning spring 2011 through spring 2012. In relation, they will see the remaining didactic courses that will be offered beginning summer term 2012, when the conversion is implemented, and beyond.
- Students will be informed and the 2011-12 *Student Handbook* will reflect the required semester credit hours to complete the respective programs. Refer to the table summary below :

Degree	Specialization	Equivalent Minimum Semester Credits to Complete for Students Matriculated Prior to Summer 2012	Equivalent Semester Credits to Complete for Students Matriculated Summer 2012 or After
<b>MPH</b>	Biostatistics	42	48
	Clinical Transl Sci	42	45
	Env Hlth Sci	42	45
	Epidemiology	42	48
	Hlth Behav Promo	42	45
	Hlth Serv Mgt Policy	42	48
	Prog Exper Prof	42	45
<b>MHA</b>	Health Admin	56	60
<b>MS</b>	Biostatistics	42	48
	Env Hlth Sci	42	45
	Epidemiology	42	48
<b>PhD</b>	Biostatistics	80	80
	Env Hlth Sci	80	90
	Epidemiology	80	90
	Hlth Behav Promo	80	80
	Hlth Serv Mgt Policy	80	80

- Refer to the table summary below for the converted quarter-to-semester courses:

Quarter	Quarter	Qtr	Semester	Semester	Sem
Course	Title	Credit	Course	Title	Credit
<b>BIOSTAT</b>					
		New	PUBHBIO 2210	Biostatistics for Public Health Research	3
PUBHBIO 601	Statistical Methods for Public Health Practice I	4	PUBHBIO 6200	Statistical Methods for Public Health Practice	4
PUBHBIO 701	Design and Analysis of Studies in the Health Sciences I	4	PUBHBIO 6210	Design and Analysis of Studies in the Health Sciences I	3
PUBHBIO 702	Design and Analysis of Studies in the Health Sciences II	4	PUBHBIO 6211	Design and Analysis of Studies in the Health Sciences II	3
PUBHBIO 703	Problem-Oriented Approach to Biostatistics	4	PUBHBIO 6212	Regression Methods for the Health Sciences	3
PUBHBIO 604	Introduction to SAS for Public Health Students	2	PUBHBIO 6270	Introduction to SAS for Public Health Students	2
PUBHBIO 607	Practical Biostatistics for Biomedical Lab. Researchers	4	PUBHBIO 6280	Practical Biostatistics for Biomedical Lab. Researchers	3
PUBHBIO 793	Individual Studies in Biostatistics	1 to 6	PUBHBIO 7193	Individual Studies in Biostatistics	1 to 4
PUBHBIO 794	Group Studies in Biostatistics	1 to 6	PUBHBIO 7194	Group Studies in Biostatistics	1 to 3
PUBHBIO 606	Applied Logistic Regression	4	PUBHBIO 7220	Applied Logistic Regression	3
PUBHBIO 651	Survey Sampling Methods	4	PUBHBIO 7225	Survey Sampling Methods	3
PUBHBIO 624	Applied Longitudinal Analysis	4	PUBHBIO 7230	Applied Longitudinal Analysis	3
PUBHBIO 605	Applied Survival Analysis	4	PUBHBIO 7235	Applied Survival Analysis	3
PUBHBIO 652	Applied Statistical Analysis with Missing Data	4	PUBHBIO 7240	Applied Statistical Analysis with Missing Data	3
PUBHBIO 786	Biostatistics Consulting Lab	3	PUBHBIO 7245	Biostatistical Collaboration	2
PUBHBIO 750	Special Topics in Biostatistics	1 to 4	PUBHBIO 7250	Special Topics in Biostatistics	1 to 6
PUBHBIO 850	Seminar in Biostatistics	1 to 4	PUBHBIO 7899	Seminar in Biostatistics	1 to 3
PUBHBIO 726	Advanced Longitudinal Data Analysis	4	PUBHBIO 8230	Advanced Longitudinal Data Analysis	3
PUBHBIO 706	Advanced Regression Modeling of Time-to-Event Data	4	PUBHBIO 8235	Advanced Regression Modeling of Time-to-Event Data	3
PUBHBIO 875	Doctoral Seminar in Biostatistics	1 to 4	PUBHBIO 8899	Doctoral Seminar in Biostatistics	1 to 3
PUBHBIO 685	Field Experience in Biostatistics	1 to 8	PUBHLTH 7189	Field Experience in Public Health	2
PUBHBIO 602	Statistical Methods for Public Health Practice II	4	(discontinued)		
PUBHBIO 625	Multi-dimensional Data Analysis Applications from Current Hlth Sci Res	4	(discontinued)		
PUBHBIO 727	Statistical Methods in Toxicological Risk Assessment	4	(discontinued)		
<b>EHS</b>					
PUBHEHS 530	Current Issues in Environmental Health	4	PUBHEHS 2310	Current Issues in Global Environmental Health	3
PUBHEHS 535	Fundamentals of Environmental Health Risk Assessment	4	PUBHEHS 3320	Fundamentals of Environmental Health Risk Assessment	3
PUBHEHS 732	Basic Concepts in Toxicology	4	PUBHEHS 5315	Principles of Toxicology	3
PUBHEHS 794	Climate Change and Human Health	4	PUBHEHS 5320	Climate Change and Human Health	3
PUBHEHS 830	Principles of Occupational Health	4	PUBHEHS 5325	Principles of Occupational Health Science	3
PUBHEHS 731	Principles of Environmental Health	4	PUBHEHS 6310	Principles of Environmental Health Science	3
PUBHEHS 731S	Principles of Environmental Health (PEP students)	4	PUBHEHS 6305	Principles of Environmental Health for Exper. Profession.	3
PUBHEHS 731	Principles of Environmental Health (EHS Students)	4	PUBHEHS 6315	Advanced Environmental Health Science	3
PUBHEHS 730	Global Health and Environmental Microbiology	4	PUBHEHS 6320	Global Health and Environmental Microbiology	3
PUBHEHS 733	Toxicology of Chemical Agents	4	PUBHEHS 7325	Advanced Toxicology	3
PUBHEHS 832	Principles of Exposure Assessment	4	PUBHEHS 7330	Principles of Exposure Assessment	3

Quarter	Quarter	Qtr	Semester	Semester	Sem
Course	Title	Credit	Course	Title	Credit
PUBHEHS 736	Environmental Law and Policy for Public Health	2	PUBHEHS 7340	Environmental Law and Policy for Public Health	3
PUBHEHS 741	Principles of Environmental Management	2	(discontinued)		
PUBHEHS 729	Water Contamination: Sources and Health Impact	4	PUBHEHS 7360	Water Contamination: Sources and Health Impact	3
PUBHEHS 831	Principles of Risk Assessment	4	PUBHEHS 7365	Principles of Risk Assessment	3
PUBHEHS 735	Introduction to Water and Human Health Risk	4	PUBHEHS 7370	Human Health Risk Assess of Envir Microbial Agents	3
PUBHEHS 794	Exposure Science Monitoring Techniques	4	PUBHEHS 7380	Exposure Science Monitoring Techniques	3
PUBHEHS 835	Molecular Techniques for Environmental Health Sciences	5	PUBHEHS 8340	Molecular Techniques for Environmental Health Sciences	3
PUBHEHS 793	Individual Studies in Environmental Health Sciences	1 to 6	PUBHEHS 7193	Individual Studies in Environmental Health Sciences	1 to 4
PUBHEHS 794	Group Studies in Environmental Health Sciences	2 to 5	PUBHEHS 7194	Group Studies in Environmental Health Sciences	1 to 3
PUBHEHS 750	Special Topics in Environmental Health Sciences	1 to 4	PUBHEHS 7350	Special Topics in Environmental Health Sciences	3
PUBHEHS 850	Seminar in Environmental Health Sciences	1 to 4	PUBHEHS 7899	Seminar in Environmental Health Sciences	1 to 3
PUBHEHS 875	Doctoral Seminar in Environmental Health Sciences	1 to 4	PUBHEHS 8899	Doctoral Seminar in Environmental Health Sciences	1 to 3
<b>EPI</b>					
PUBH-EPI 510	Introduction to Epidemiology	4	PUBH-EPI 2410	Introduction to Epidemiology	3
PUBH-EPI 615	Field Epidemiology	3	PUBH-EPI 5411	Outbreak Investigations	2
PUBH-EPI 718	Infectious Diseases in the Developing World	2	PUBH-EPI 5412	Infectious Diseases in the Developing World	2
PUBH-EPI 700	Epidemiology for Experienced Health Professionals	4	PUBH-EPI 6400	Epidemiology for Experienced Health Professionals	3
PUBH-EPI 803	Health Data Sources and Uses	4	PUBH-EPI 6401	Health Data Sources and Uses	3
PUBH-EPI 710	Principles of Epidemiology	4	PUBH-EPI 6410	Principles of Epidemiology	3
PUBH-EPI 704	Biological Basis of Public Health	4	PUBH-EPI 6411	Biological Basis of Public Health	3
PUBH-EPI 795.1	Topics in Clinical and Translational Science	1-2	PUBH-EPI 6413.01	Basic Principles in Clinical and Translational Science	1
PUBH-EPI 795.2	Topics in Clinical and Translational Science	1-2	PUBH-EPI 6413.02	Conducting and Communicating Research in Clinical and Translational Scienc	1
PUBH-EPI 850	Seminar in Epidemiology	1-4	PUBH-EPI 6414	Scientific Writing for Biomedical and Clinical Scientists	1
		New	PUBH-EPI 6430.01	Epidemiology I	3
		New	PUBH-EPI 6430.02	Epidemiology I Lab	1
PUBH-EPI 705	Design and Implementation of Health Surveys	4	PUBH-EPI 6431	Design and Implementation of Health Surveys	3
PUBH-EPI 714	Injury Epidemiology	3	PUBH-EPI 6432	Injury Epidemiology	2
PUBH-EPI 716	Psychiatric Epidemiology	3	PUBH-EPI 6433	Psychiatric Epidemiology	2
PUBH-EPI 717	Tuberculosis: A Public Health Issue	1	PUBH-EPI 6434	Tuberculosis: A Public Health Issue	1
PUBH-EPI 814	Chronic Disease Epidemiology	4	PUBH-EPI 6435	Chronic Disease Epidemiology	3
PUBH-EPI 815	Infectious Disease Epidemiology	4	PUBH-EPI 6436	Infectious Disease Epidemiology	3
PUBH-EPI 816	Cancer Epidemiology	4	PUBH-EPI 6437	Cancer Epidemiology	3
PUBH-EPI 817	Cardiovascular Epidemiology	4	PUBH-EPI 6438	Cardiovascular Disease Epidemiology	3
PUBH-EPI 719		New	PUBH-EPI 6415	Nutrition in Public Health	3
PUBH-EPI 720		New	PUBH-EPI 6439	Genetic Epidemiology	3
PUBH-EPI 820	Reproductive & Perinatal Epidemiology	4	PUBH-EPI 6440	Reproductive & Perinatal Epidemiology	3

Quarter	Quarter	Qtr	Semester	Semester	Sem
Course	Title	Credit	Course	Title	Credit
PUBH-EPI 818	Women's Health Issues	3	PUBH-EPI 6441	Women's Health Issues	3
PUBH-EPI 793	Individual Studies in Epidemiology	1-6	PUBH-EPI 7193	Individual Studies in Epidemiology	1-4
PUBH-EPI 794	Group Studies in Epidemiology	1-6	PUBH-EPI 7194	Group Studies in Epidemiology	1-3
PUBH-EPI 711	Epidemiology I	4	PUBH-EPI 7410.01	Epidemiology II	3
PUBH-EPI 711	Epidemiology I	4	PUBH-EPI 7410.02	Epidemiology II Lab	1
PUBH-EPI 713	Epidemiology in Environmental Health	4	PUBH-EPI 7411	Epidemiology in Environmental Health	3
PUBH-EPI 715	Principles and Procedures for Human Clinical Trials	elective	PUBH-EPI 7412	Principles and Procedures for Human Clinical Trials	3
PUBH-EPI 822	Molecular Epidemiology of Cancer	4	PUBH-EPI 7413	Molecular Epidemiology of Cancer	3
PUBH-EPI 724	Molecular Epidemiology	4	PUBH-EPI 7414	Molecular Epidemiology of Infectious Diseases	3
PUBH-EPI 712	Epidemiology II	4	PUBH-EPI 7430	Epidemiology III	4
PUBH-EPI 810	Epidemiologic Methods	4	PUBH-EPI 7431	Epidemiologic Methods	3
PUBH-EPI 750	Topics in Epidemiology	1-4	PUBH-EPI 7450	Topics in Epidemiology	1-6
PUBH-EPI 850	Seminar in Epidemiology	1-4	PUBH-EPI 7899	Seminar in Epidemiology	1-3
PUBH-EPI 819	Epidemiology of Obesity	4	PUBH-EPI 8411	Epidemiology of Obesity	3
PUBH-EPI 821	Design and Analysis of Group-Randomized Trials	selective	PUBH-EPI 8412	Design and Analysis of Group-Randomized Trials	3
		New	PUBH-EPI 8430	Epidemiology IV	4
		New	PUBH-EPI 8431	Grant Writing in Epidemiology	2
PUBH-EPI 875	Doctoral Seminar in Epidemiology (research methods)	6	PUBH-EPI 8899.01	Doctoral Seminar in Epidemiology (research methods)	1
PUBH-EPI 875	Doctoral Seminar in Epidemiology (teaching)	6	PUBH-EPI 8899.02	Doctoral Seminar in Epidemiology (teaching)	2
<b>HBHP</b>					
PUBH-HBP 520	Role of Behavior in Public Health	4	PUBHHBP 2510	Role of Behavior in Public Health	3
PUBH-HBP 720	Preventing disease and promoting health	4	PUBHHBP 6510	Preventing disease and promoting health	3
PUBH-HBP 750	Special topics in HBHP	1to4	PUBHHBP 7550	Special topics in HBHP	1to6
PUBH-HBP 820	Foundations of HBHP	4	PUBHHBP7528	Foundations of professional practice in HP	3
PUBH-HBP 821	Community health assessment	4	PUBHHBP 7520	Community health assessment	3
PUB-HBP 822	Settings and special populations	4	PUBHHBP7542	Settings and special populations	3
PUBH-HBP 824	Program evaluation in public health	4	PUBHHBP 7532	Program evaluation in public health	3
PUBH-HBP 826	Substance abuse prevention	4	PUBHHBP 7552	Substance abuse prevention	2
PUBH-HBP 827	Program planning and implementation	4	PUBHHBP 7522	Program planning and implementation	3
PUBH-HBP 828	Cancer behavioral science	4	PUBHHBP7554	Cancer behavioral science	2
PUBH-HBP 830	Fundamental determinants of population	4	PUBHHBP 7544	Fundamental determinants of population hea	3
PUBH-HBP 875	Doctoral seminar in HBHP	1	PUBHHBP 8899.01	First year doctoral seminar in HBHP	1
PUBH-HBP 875	Doctoral seminar in HBHP	1	PUBHHBP 8899.02	Second year doctoral seminar in HBHP	1
850	Public Health in Action	New	PUBHHBP7556	Public health in action	2
850	Social-ecological strategies in prevention	New	PUBHHBP7558	Social-ecological strategies in prevention	2



Quarter	Quarter	Qtr	Semester	Semester	Sem
Course	Title	Credit	Course	Title	Credit
850	Health promotion research methods	New	PUBHHBP7534	Research methods in HBHP	3
	Health behavior change theory (master's)	New	PUBHHBP7562	Theoretical approaches to health behavior	2
	Health behavior change theory (doctoral)	New	PUBHHBP8562	Advanced theory of health behavior change	2
<b>HSMP</b>					
PUBHHMP 550	Health Care in America	4	PUBHHMP 4650	United States and International Health Care	3
PUBHHMP 800	Health Care Organization I	4	PUBHHMP 6609	Health Care Organization for Experienced Professionals	3
PUBHHMP 800	Health Care Organization I	4	PUBHHMP 6610	Introduction to Health Care Organization	3
PUBHHMP 800	Health Care Organization I	4	PUBHHMP 6611	Health Care Organization	3
PUBHHMP 801	Health Care Organization II	4	PUBHHMP 7601	Financing for Health Care	3
PUBHHMP 802	Economic Analysis of Health Services	4	PUBHHMP 7602	Economic Analysis of Health Services	3
PUBHHMP 803	Economics of Health Care I	4	PUBHHMP 7603	Economics of Health Care I	3
PUBHHMP 804	Economics of Health Care II	4	PUBHHMP 7604	Economics of Health Care II	3
PUBHHMP 805	Introduction to Health Policy	4	PUBHHMP 7605	Introduction to Health Policy	3
PUBHHMP 805	Introduction to Health Policy	4	PUBHHMP 7606	Applied Health Policy	3
PUBHHMP 823	Financial Management of Public Health Programs	4	PUBHHMP 7607	Financial Management of Public Health Programs	3
PUBHHMP 811	Legal Environment of Health Care	4	PUBHHMP 7611	Law and Ethics in Health Care	3
PUBHHMP 815	Health Services Organizational Management	4	PUBHHMP 7615	Health Services Organizational Management	3
PUBHHMP 817	Leadership in Health Care	4	PUBHHMP 7617	Leadership in Health Care	3
PUBHHMP 820	Health Services Finance I	4	PUBHHMP 7620	Health Services Finance I	3
PUBHHMP 821	Health Services Finance II	4	PUBHHMP 7621	Health Services Finance II	3
PUBHHMP 822	Health Services Financial Decision-Making	4	PUBHHMP 7622	Health Services Financial Decision-Making	1.5
PUBHHMP 824	Economic Evaluation of Health Care Programs and Services	4	PUBHHMP 7624	Economic Evaluation of Health Care Programs and Services	3
PUBHHMP 831	Strategic Management and Program Development	4	PUBHHMP 7631	Strategic Management and Program Development	3
PUBHHMP 840	Disability Policy and Politics	4	PUBHHMP 7640	Mental Health and Disability Policy	3
PUBHHMP 900	Advanced Topics in Health Services Management and Policy	2 to 4	PUBHHMP 7650	Advanced Topics in Health Services Management and Policy	1 to 3
PUBHHMP 870.01	Advanced Studies: General*	4	PUBHHMP 7671	Comparative Health Care Systems	3
PUBHHMP 870.02	Advanced Studies: Clinical Rotations	2	PUBHHMP 7672	Clinical Rotations	1.5
PUBHHMP 870.03	Advanced Studies: Data Analysis	2	PUBHHMP 7673	Understanding Health Care Organization Data	1.5
PUBHHMP 870.04	Advanced Studies: Ethics	2 to 4	PUBHHMP 7674	Ethical Cases in Health Care	1.5
PUBHHMP 870.05	Advanced Studies: Human Resources	2	PUBHHMP 7675	Human Resources Management in Health Care	1.5
PUBHHMP 870.06	Advanced Studies: Marketing	2	PUBHHMP 7676	Health Care Marketing	1.5
PUBHHMP 871	Introduction to Health Services Research	4	PUBHHMP 7678	Approaches to Health Services Research	3
		New	PUBHHMP 7679	Quality and Patient Safety	1.5
PUBHHMP 880	Operations Management for Health Service Organizations	4	PUBHHMP 7680	Operations Management for Health Service Organizations	3
PUBHHMP 881	Topics in Health Services Operations and Management	4	PUBHHMP 7681	Advanced Health Services Operations Management	3

Quarter	Quarter	Qtr	Semester	Semester	Sem
Course	Title	Credit	Course	Title	Credit
PUBHHMP 882	Information Systems for Health Services Organizations	4	PUBHHMP 7682	Information Systems for Health Services Organizations	3
PUBHHMP 870.01	Advanced Studies: General**	3	PUBHHMP 8671	Health Care Outcomes Measurement	2
PUBHHMP 870.07	Advanced Studies: Quantitative Methods	2	PUBHHMP 8677	cancelled	
PUBHHMP 693	Individual Studies in Health Services Management and Policy	1 to 5	PUBHHMP 7193	Individual Studies in Health Services Management and Policy	1 to 3
PUBHHMP 694	Group Studies in Health Services Management and Policy	1 to 5	PUBHHMP 7194	Group Studies in Health Services Management and Policy	1 to 3
PUBHHMP 850	Seminar in Health Service Management and Policy	2 to 4	PUBHHMP 7699	Seminar in Health Services Management and Policy	1 to 3
PUBHHMP 875	Doctoral Seminar in Health Services Management and Policy	2 to 4	PUBHHMP 8899	Doctoral Seminar in Health Services Management and Policy	1 to 3
<b>INTERDISC</b>					
PUBHHLTH 400	Introduction to Public Health	4	PUBHLTH 2010	Introduction to Public Health	3
PUBHHLTH 600	Introduction to Global Health	4	PUBHLTH 6000	Introduction to Global Health	3
PUBHHLTH 670.01	Topics in Applied PH Practice (General)	1 to 4	PUBHLTH 7350.01	Topics in Applied PH Practice (General)	3
PUBHHLTH 670.02	Topics in Applied PH Practice (PH Mgt Leader)	1 to 4	PUBHLTH 7350.02	Topics in Applied PH Practice (PH Mgt Leader)	1 to 3
PUBHHLTH 670.03	Topics in Applied PH Practice (Research Tools)	1 to 4	PUBHLTH 7350.03	Topics in Applied PH Practice (Research Tools)	1 to 3
PUBHHLTH 670.04	Topics in Applied PH Practice (Preparedness)	1 to 4	PUBHLTH 7350.04	Topics in Applied PH Practice (Preparedness)	1 to 3
PUBHHLTH 700	Public Health in Developing Countries	4	PUBHLTH 7000	Public Health in Developing Countries	1 to 3
PUBHHLTH 741	Public Health Organization	4	PUBHLTH 7040	Public Health Organization	3
PUBHHMP 685	Field Experience in (specialization)	1 to 8	PUBHLTH 6189.01	Field Experience in Public Health	1 to 6
		New	PUBHLTH 6189.02	Field Experience in Global Public Health	1 to 6
PUBHHLTH 685	Public Health Practicum	1 to 4	PUBHLTH 7189	Practicum in Public Health	1 to 6
PUBHHMP 785	Culminating Project in Public Health	1 to 8	PUBHLTH 7998	Culminating Project in Public Health	1 to 3
PUBH 799	Research in Public Health	1 to 18	PUBHLTH 7999	Thesis Research in Public Health	1 to 12
PUBH 799	Research in Public Health	1 to 4	PUBHHLTH 8998	Pre-Candidacy Research in Public Health	1 to 12
PUBH 999	Research in Public Health	1 to 18	PUBHLTH 8999	Post-Candidacy Research in Public Health	1 to 12



## ATTACHMENTS – Master of Public Health (MPH) Degree Program

### Quarter-to-Semester (Q2S) Conversion for the College of Public Health (CPH)

#### Content

- MPH Program Rationale
- Letters and Advisement Guides (w/ Courses) for each of eight MPH degree program specializations
- Degree Transition Plan

#### Program Rationale

During 2009-10, the MPH, MS and PhD degrees, via a college-wide self-study and review, were fully reaccredited by the Council on Education for Public Health (CEPH). The review and approval included the program competencies and aligned course learning objectives. CEPH is aware that the courses and programs are undergoing conversion from quarter-to-semester credit hours and schedules with planned implementation summer 2012.

The Master of Public Health (MPH) degree program and the eight specializations were converted from the existing CEPH accredited quarter-based curricula and credit hours with minimal changes to goals and/or requirements. Please note that one requirement to be a CEPH accredited school or college of public health is that the MPH degree program offer specializations in the five core disciplines of public health: Biostatistics, Environmental Health Science, Epidemiology, Health Behavior and Promotion, and Health Services/Administration. OSU offers the five core specializations plus three additional specializations in Clinical Translational Science, Program for Experienced Professionals, and Veterinary Public Health.

- **Master of Public Health (MPH) degree w/ eight program specializations:**
  - Biostatistics
  - Clinical Translational Science (formerly Clinical Investigation; GS/OAA approved 12/9/10)
  - Environmental Health Sciences
  - Epidemiology
  - Health Behavior & Health Promotion
  - Health Services Management & Policy
  - Program for Experienced Professionals
  - Veterinary Public Health

The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. This represents an equivalent increase of 5-8 semester credit hours relative to the conversion factor of 0.667, and only 3-5 semester credit hours beyond the CEPH minimum requirement. The rationale for the minor increase in credit hours is based on the need to meet/exceed minimum CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies.

Letter and *MPH-Biostatistics* Advisement Guide from CPH Division of Biostatistics:



College of Public Health

Division of Biostatistics

**TO:** OSU Office of Academic Affairs  
**FROM:** Haikady Nagaraja, PhD Chair Division of Biostatistics  
**DATE:** November 1, 2010  
**RE:** Quarter-to-Semester Conversion for the College of Public Health (CPH)

**CPH DIVISION NAME:** Biostatistics

**DEGREE TITLE:** Master of Public Health

**SPECIALIZATION TITLE:** Biostatistics

**PROGRAM ACCREDITATION:** Council on Education for Public Health (CEPH) for Max Period 2009-2016

**SEMESTER CREDIT HOURS REQUIRED and MODIFICATIONS:** 48 semester credit hours . . . The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. Our accrediting organization CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. The MPH degree in Biostatistics specialization will require 48 semester credits to earn the degree specialization. This represents an equivalent increase of 8 semester credit hours. The rationale is based on the need to meet/exceed CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies for Biostatistics.

**COURSE and CURRICULUM MODIFICATIONS:** Most of the existing quarter-based courses are 4 quarter credit hours and 40 contact hours. The semester-based versions of these courses are predominantly 3 semester credit hours and 45 contact hours. The titles and descriptions of some courses were changed to better reflect the content without deviating from the original course learning objectives. The course numbers were changed to comply with the new 4-digit format and categories of levels.

# Guide for the Master of Public Health degree program with a specialization in BIostatistics

Students admitted to the Master of Public Health (MPH) degree program are assigned faculty advisers who will provide guidance throughout the program. This document serves as a resource to be used by the student and the adviser in planning a program with a specialization in Biostatistics. For additional information about requirements, students are directed to the College of Public Health (CPH) *Student Handbook* (available online at <http://cph.osu.edu/cademics/handbooks.cfm>) and to the *Graduate School Handbook* (available online at <http://www.gradsch.ohio-state.edu/>).

## PROGRAM OF STUDY

The curriculum consists of a minimum of 48 semester credits organized into five curricular domains:

1. Core courses in areas of knowledge basic to public health (15 semester credits)
2. Courses required for a specialization (24 semester credits)
3. Elective courses approved for the specialization (4 semester credit minimum)
4. Practicum (2 semester credits minimum)
5. Culminating project (3 semester credits minimum)

### Public Health Core Courses (15 credits)

Every student in the MPH degree program must complete the following courses in the areas of knowledge basic to public health:

#### **Biostatistics**

PUBHBIO 6210 Design & Analysis of Studies  
in the Health Sciences I 3 cr

#### **Environmental Health Sciences**

PUBHEHS 6310 Principles of Environmental  
Health Science 3 cr

#### **Epidemiology**

PUBHEPI 6410 Principles of Epidemiology 3 cr

#### **Social and Behavioral Sciences**

PUBHHBP 6510 Preventing Disease & Promoting  
Health through Behavioral Sci 3 cr

#### **Health Services Administration**

HSMP 6610 Intro to Health Care Organization 3 cr

### Required Courses in the Specialization (24 credits)

PUBHBIO 6211 Design and Analysis of Studies  
in the Health Sciences II 3 cr

PUBHBIO 6212 Regression Methods for the  
Health Sciences 3 cr

PUBHBIO 7245 Biostatistical Collaboration 2 cr

PUBHEPI 6431 Design & Implementation of  
Health Surveys 3 cr

STAT 6740 Data Management and Graphics  
For Stat Analysis 3 cr

STAT 6450 Applied Regression Analysis 4 cr

Two of the following courses are required:

PUBHBIO 7235	Applied Survival Analysis	3 cr
PUBHBIO 7220	Applied Logistic Regression	3 cr
PUBHBIO 7225	Survey Sampling Methods	3 cr
PUBHBIO 7230	Applied Longitudinal Analysis	3 cr

**Elective Courses** (4 credits minimum)

Additional course(s) approved for the specialization are selected in consultation with the faculty adviser. See Appendix D in the CPH *Student Handbook* for recommended electives.

**Practicum** (2 credits minimum)

PUBHLTH 7189	Practicum in Public Health	2 cr
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**Culminating Project** (3 credits minimum)

PUBHLTH 7998	Culminating Project in Public Hlth	3 cr
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**PRACTICUM**

The College requires two semester credits of field experience in public health (practicum) for all students in the MPH degree program. Students must spend at least 120 hours on site during the practicum to meet the minimum requirement. Each student chooses a practicum that fits with her/his career goals and is consistent with the area of specialization. An on-site preceptor supervises the student’s experience, and the faculty adviser collaborates in designing and approving the learning content. Most students complete this requirement during the summer following the first academic year, though some may choose to delay it until later in their second year.

Students should be active participants in the arrangements for the practicum. The Office of Academic Programs assists students in locating appropriate field sites and provides support throughout the experience. Students are encouraged to consult with their advisers and other CPH faculty. The practicum is graded S/U and the evaluation is based on the preceptor’s and the adviser’s assessment of the experience and the final report. Complete details on the process for seeking and confirming the placement, as well as the expectations for the practicum, are found in the *Practicum Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm>).

For students in Biostatistics, the practicum could be in the format of a project under the supervision of a Biostatistics faculty member. The project should include all aspects of the statistical practice—study design, data management, data analysis, and final report.

**CULMINATING PROJECT/MASTER’S EXAMINATION**

The Graduate School requires that each master’s student complete a Master’s Examination. The culminating project for the MPH satisfies this requirement either with a traditional thesis or an alternative written product.

MPH students specializing in Biostatistics have the option of completing a traditional research-based master’s thesis or an applied research project as the culminating project. The thesis option is less frequently chosen because the majority of students intend to go directly into professional practice. However, those students who expect to pursue an academic degree program such as the PhD are encouraged to consider a thesis and there are, of course, students who are interested in a topic that is best approached in the thesis format.

MPH students who choose the non-thesis option complete an applied research project that includes a written paper and a presentation. The student has primary responsibility for topic selection and identifying the major adviser and a second reader. The applied research project could be an extension of the practice placement. Students should begin planning the culminating project with their faculty advisers at least two semesters prior to the projected semester of completion. More detailed descriptions of the culminating project requirements are available in the Biostatistics *Culminating Project Guidelines* available online at <http://cph.osu.edu/academics/handbooks.cfm>.

## ACADEMIC STANDARDS

To remain in good academic standing, graduate students must maintain a minimum 3.0 overall GPA. In addition, MPH students must earn a B- or higher in the specialization courses and core courses (with the exception of a C or C+ in one core course). No course in which a grade of C- or below is earned may count toward the degree. For more details, see Section 11.2 of the *CPH Student Handbook*.

## TIME LIMIT

The MPH degree must be completed within five years from the date of matriculation. The responsibility for academic progress and fulfillment of the time limit rule rests with the student. Students who fail to complete the program in five years must re-apply to the program by written petition to the Graduate Studies Committee. Approval may be contingent upon completion of additional course work. No further registration will be permitted in the absence of an approved petition. For additional information, see Section 5.5 of the *CPH Student Handbook*.

## GRADUATE NON-DEGREE & TRANSFER CREDIT

The transfer of credit depends on where it was earned. For OSU graduate non-degree credits, a maximum of **seven credits** may be transferred into the degree-granting program with approval of the faculty adviser. For transfer credit from another institution, a maximum of nine semester credits (20% of the total credit hours required for the degree) may be transferred into the program with approval of the faculty adviser. Students must petition the Graduate Studies Committee to transfer credits, and the petition must be supported by the Division Chair. For additional information, see Section 10.3 of the *CPH Student Handbook*.

## GRADUATION

Students must be enrolled for a minimum of three graduate credits during the semester or term in which they plan to graduate. An "Application to Graduate" form (available on the Graduate School's Web site) must be completed by the student, signed by the adviser, and returned to the Office of Academic Programs (OAP) for processing. The deadline for submitting the signed form to OAP is the first Friday of the semester or term of graduation. Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13.14 of the *CPH Student Handbook*.

Letter and *MPH-Environmental Health Advisement Guide* from CPH Division of Environmental Health Sciences:



College of Public Health

Division of Environmental Health Sciences

**TO:** OSU Office of Academic Affairs  
**FROM:** Timothy Buckley, PhD Chair Division of Environmental Health Sciences  
**DATE:** November 1, 2010  
**RE:** Quarter-to-Semester Conversion for the College of Public Health (CPH)

**CPH DIVISION NAME:** Environmental Health Sciences

**DEGREE TITLE:** Master of Public Health

**SPECIALIZATION TITLE:** Environmental Health Science

**PROGRAM ACCREDITATION:** Council on Education for Public Health (CEPH) for Max Period 2009-2016

**SEMESTER CREDIT HOURS REQUIRED and MODIFICATIONS:** We have developed a program of study that will require 45 semester credit hours. The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. Our accrediting organization CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. This represents an equivalent increase of 5 semester credit hours. The rationale is based on the need to meet/exceed CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies for environmental health sciences.

**COURSE and CURRICULUM MODIFICATIONS:** Most of the existing quarter-based courses are 4 quarter credit hours and 40 contact hours. The semester-based versions of these courses are predominantly 3 semester credit hours and 45 contact hours. The titles and descriptions of some courses were changed to better reflect the content without deviating from the original course learning objectives. The course numbers were changed to comply with the new 4-digit format and categories of levels.



# Guide for the Master of Public Health degree program with a specialization in ENVIRONMENTAL HEALTH SCIENCES

MPH students are assigned faculty advisers who will provide guidance regarding their courses, practicum, and culminating project. This document serves as a resource to be used by the student and the adviser in planning the Master of Public Health program with a specialization in Environmental Health Sciences (EHS). For additional information about requirements, students are directed to the College of Public Health (CPH) *Student Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm/>) and to the *Graduate School Handbook* (available online at <http://www.gradsch.ohio-state.edu/>).

## PROGRAM OF STUDY

The curriculum consists of a minimum of 45 semester credits organized into five curricular domains:

1. Core courses in areas of knowledge basic to public health (15 semester credits)
2. Courses required for a specialization in EHS (18 semester credits)
3. Elective courses approved for the specialization in EHS (7 semester credits)
4. Practicum (2 semester credits minimum)
5. Culminating project (3 semester credits)

### Public Health Core Courses (15 credits)

Every student in the MPH degree program must complete the following courses in the areas of knowledge basic to public health:

#### **Biostatistics**

PUBHBIO 6210 Design & Analysis of Studies in  
Health Sciences I 3 cr

#### **Environmental Health Sciences**

PUBHEHS 6315 Advanced Environmental Hlth Sci 3 cr

#### **Epidemiology**

PUBHEPI 6410 Principles of Epidemiology 3 cr

#### **Social and Behavioral Sciences**

PUBHHBP 6510 Preventing Disease & Promoting  
Health through Behavioral Sci 3 cr

#### **Health Services Administration**

PUBHHMP 6610 Intro to Health Care Organization 3 cr

### Required Courses in the Specialization (19 credits)

PUBHEHS 5315 Principles of Toxicology 3 cr

PUBHEHS 5325 Principles of Occupational Hlth Sci 3 cr

PUBHEHS 6320 Global Health & Env Microbiology 3 cr

PUBHEHS 7330 Principles of Exposure Assessment 3 cr

PUBHEHS 7365 Principles of Risk Assessment 3 cr

PUBHEHS 7380 Exposure Sci Monitoring Techniq 3 cr

PUBHEHS 7899 Seminar in Env Health Science 1 cr

### Electives (6 credits minimum)

Students may select from the electives recommended for the MPH in EHS listed in Appendix D of the CPH *Student Handbook*.

### Practicum (2 credits)

PUBHLTH 7189 Practicum in Public Health 2 cr

### Culminating Project (3 credits)

PUBHLTH 7998 Culminating Project in Pub Hlth 3 cr

## PRACTICUM

Two semester credits of field experience in public health (practicum) are required (120 hours on site). This requirement is intended to provide students with real-world public health practice experience to both galvanize their academic experience and to facilitate their career planning (e.g., Ohio EPA, consulting companies, Battelle Memorial Institute, Ohio DNR, Columbus Public Health Department). The practicum typically occurs during the summer following the first year of full-time study, though some students may choose to delay it until later in their second year. Students are free to choose practicum placements that fit their goals and are consistent with the area of specialization. An on-site preceptor supervises the student's experience and the faculty adviser collaborates in designing and approving the learning content.

Students should be active participants in the arrangements for the practicum. The Office of Academic Programs assists students in locating appropriate field sites and provides support throughout the experience. Students are encouraged to consult with their advisers and other CPH faculty. The practicum is graded S/U and the evaluation is based on the preceptor's and adviser's assessment of the experience and the final report. Complete details on the process for seeking and confirming the placement, as well as the expectations for the practicum, are found in the *Practicum Student Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm/>).

## CULMINATING PROJECT/MASTER'S EXAMINATION

The Graduate School requires that each master's student complete a Master's Examination. The preparation of a written report based on the student's culminating project and an oral presentation during an EHS Divisional seminar fulfills this requirement for the MPH degree. Students should begin planning their culminating projects with their faculty advisers at least two semesters prior to the expected semester of completion. For additional details, see Section 5.1 of the *CPH Student Handbook* and the division's *Culminating Project Guidelines* on the web at <http://cph.osu.edu/academics/handbooks.cfm/>.

## ACADEMIC STANDARDS

To remain in good academic standing, MPH students must maintain a minimum 3.0 overall GPA. In addition, a B- or higher must be earned in all required specialization courses (indicated by a PUBHEHS prefix) and core courses (with the exception of a C or C+ in one core course). No course in which a grade of C- or below is earned may count towards the degree. For more details, see Section 11.2 of the *CPH Student Handbook*.

## TIME LIMIT

The MPH degree must be completed within five years from the date of matriculation. The responsibility for academic progress within this time limit rests with the student. Students who fail to complete the program in five years must re-apply to the program by written petition to the Graduate Studies Committee. Approval may be contingent upon completion of additional course work. No further registration will be permitted in the absence of an approved petition. For additional information, see Section 5.5 of the *CPH Student Handbook*.

## GRADUATE NON-DEGREE & TRANSFER CREDIT

The transfer of credit depends on where it was earned. For OSU graduate non-degree credits, a maximum of seven semester credits may be transferred into the degree-granting program with approval of the faculty adviser. For transfer credit from another institution, a maximum of nine semester credits (20% of the total credit hours required for the degree) may be transferred into the program with approval of the faculty adviser and the Graduate Studies Chair. For additional information, see Section 10.3 of the *CPH Student Handbook*.

## GRADUATION

Students must be enrolled for a minimum of three graduate credits during the semester or term in which they plan to graduate. An "Application to Graduate" form (available on the Graduate School's web site at <http://www.gradsch.ohio-state.edu/>) should be completed by the student, signed by the adviser, and returned to the Office of Academic Programs (OAP) for processing. The deadline for submitting the signed form to OAP is the first Friday of the semester or term of graduation. Since the signed Master Exam Report Form is due in the Graduate School prior to finals week, students generally must complete their culminating projects by the middle of the semester. Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13.14 of the *CPH Student Handbook*.

Letter and *MPH-Epidemiology* Advisement Guide from CPH Division of Epidemiology:



College of Public Health

Division of Epidemiology

**TO:** OSU Office of Academic Affairs  
**FROM:** David Murray, PhD Chair Division of Epidemiology  
**DATE:** November 1, 2010  
**RE:** Quarter-to-Semester Conversion for the College of Public Health (CPH)

**CPH DIVISION NAME:** Epidemiology

**DEGREE TITLE:** Master of Public Health

**SPECIALIZATION TITLE:** Epidemiology

**PROGRAM ACCREDITATION:** Council on Education for Public Health (CEPH) for Max Period 2009-2016

**SEMESTER CREDIT HOURS REQUIRED and MODIFICATIONS:** 48 semester credit hours . . . The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. Our accrediting organization CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. The MPH degree in Epidemiology will require 48 semester credits to earn the degree specialization. This represents an equivalent increase of 8 semester credit hours. The rationale is based on the need to meet/exceed CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies for epidemiology.

**COURSE and CURRICULUM MODIFICATIONS:** Most of the existing quarter-based courses are 4 quarter credit hours and 40 contact hours. The semester-based versions of these courses are 2, 3 or 4 semester credit hours and 30, 45 and 60 contact hours, respectively. The titles and descriptions of some courses were changed to better reflect the content without deviating from the original course learning objectives. The course numbers were changed to comply with the new 4-digit format and categories of levels.

# Guide for Master of Public Health degree program with a specialization in EPIDEMIOLOGY

Students admitted to the Master of Public Health (MPH) degree program are assigned faculty advisers who will provide guidance throughout the program. This document serves as a resource to be used by the student and the adviser in planning a program with a specialization in Epidemiology. For additional information about requirements, students are directed to the College of Public Health (CPH) *Student Handbook* (available on line at <http://cph.osu.edu/academics/handbooks.cfm>) and to the *Graduate School Handbook* (available online at <http://www.gradsch.ohio-state.edu/>).

## PROGRAM OF STUDY

The curriculum consists of a minimum of 48 semester credits organized into five curricular domains:

1. Core courses in areas of knowledge basic to public health (16 semester credits)
2. Courses required for a specialization in epidemiology (19-22 semester credits)
3. Elective courses approved for the specialization (5-8 semester credits)
4. Practicum (2 semester credits minimum)
5. Culminating project (3 semester credits minimum)

### Public Health Core Courses (16 credits)

Every student in the MPH program must take the following courses in areas of knowledge basic to public health:

#### **Biostatistics**

PUBHBIO 6210 Design & Analysis of Std in Hlth Sci I 3 cr

#### **Environmental Health Sciences**

PUBHEHS 6310 Principles of Environmental Hlth Sci 3 cr

#### **Epidemiology**

PUBHEPI 6430.01 Epidemiology I 3 cr

PUBHEPI 6430.02 Epidemiology I Lab 1 cr

#### **Social and Behavioral Sciences**

PUBHHBP 6510 Preventing Disease & Promoting  
Health through Behavioral Science 3 cr

#### **Health Services Administration**

PUBHHMP 6610 Intro to Health Care Organization 3 cr

### Required Courses in the Specialization (19-22 credits)

PUBHBIO 6211 Design Analysis Studies Hlth Sci II 3 cr

PUBHBIO 6212 Regression Methods Hlth Sciences 3 cr

PUBHBIO 6270 Intro to SAS for Pub Hlth Students 2 cr

PUBHEPI 6411\* Biological Basis of Public Health 3 cr

PUBHEPI 6431 Design & Imp of Health Surveys 3 cr

PUBHEPI 7410.01 Epidemiology II 3 cr

PUBHEPI 7410.02 Epidemiology II Lab 1 cr

PUBHEPI 7430.01 Epidemiology III 3 cr

PUBHEPI 7430.02 Epidemiology III Lab 1 cr

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

**Electives** (Choose courses to bring the total credits in your program to 48)

PUBHEPI 6415	Nutrition in Public Health	3 cr
PUBHEPI 6432	Injury Epidemiology	2 cr
PUBHEPI 6433	Psychiatric Epidemiology	2 cr
PUBHEPI 6434	Tuberculosis: a Public Health Issue	2 cr
PUBHEPI 6435	Chronic Disease Epidemiology	3 cr
PUBHEPI 6436	Infectious Disease Epidemiology	3 cr
PUBHEPI 6437	Cancer Epidemiology	3 cr
PUBHEPI 6438	Cardiovascular Disease Epi	3 cr
PUBHEPI 6439	Genetic Epidemiology	3 cr
PUBHEPI 6440	Reproductive and Perinatal Epi	3 cr
PUBHEPI 6441	Women's Health Issues	3 cr
PUBHEPI 7411	Environmental Epidemiology	3 cr
PUBHEPI 7412	Princ & Proc for Human Clin Trials	3 cr
PUBHEPI 7413	Molecular Epi of Cancer	3 cr
PUBHEPI 7414	Molecular Epi of Infectious Disease	3 cr
PUBHEPI 8411	Epidemiology of Obesity	3 cr
PUBHEPI 8412	Group-Randomized Trials	3 cr

**Practicum** (2 credits)

PUBHLTH 7189	Practicum in Public Health	2 cr
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**Culminating Project** (3 credits)

PUBHLTH 7998	Culminating Project in Public Health	3 cr
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**PRACTICUM**

A minimum of two semester credits of field experience in public health (practicum) is required for all students in the MPH degree program. Students must spend at least 120 hours on site during the practicum to meet the minimum requirement. Each student chooses a practicum that fits with her/his career goals and is consistent with the area of specialization. An on-site preceptor supervises the student's experience, and the faculty adviser collaborates in designing and approving the learning content. The majority of students complete this requirement during the summer following the first academic year, though some may choose to delay it until later in their second year.

Students should be participants in the arrangements for the practicum. The Office of Academic Programs assists students in locating appropriate practicum sites and provides support throughout the experience. Students are encouraged to consult with their advisers and other CPH faculty. The practicum is graded S/U and the evaluation is based on the preceptor's and the adviser's assessment of the experience and the final report. Complete details on the process for seeking and confirming the placement, as well as the expectations for the practicum, are found in the *Practicum Student Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm>).

**CULMINATING PROJECT/MASTER'S EXAMINATION**

The Graduate School requires that each master's student complete a Master's Examination. The culminating project for the MPH satisfies this requirement. MPH students specializing in Epidemiology have the option of completing a traditional research-based master's thesis or an applied research project as the culminating project. The thesis option is less frequently chosen because the majority of students intend to go directly into professional practice. However, those students who expect to pursue an academic degree program such as the PhD are encouraged to consider a thesis and there are, of course, students who are interested in a topic that is best approached in the thesis format.

MPH students who prefer an alternative to the thesis complete an applied research project (which may take the form of a grant proposal) that includes a written report and an oral presentation. Students should begin planning their culminating projects with their faculty advisers at least two semesters prior to the expected semester of completion. More detailed descriptions of the culminating project requirements are available in the Epidemiology *Culminating Project Guidelines* online at <http://cph.osu.edu/academics/handbooks.cfm>.

## **ACADEMIC STANDARDS**

To remain in good academic standing, MPH students must maintain a minimum 3.0 overall GPA. In addition, a B- or higher must be earned in the specialization courses and core courses (with the exception of a C or C+ in one core course). No course in which a grade of C- or below is earned may count toward the degree. For more details, see Section 11.2 of the *CPH Student Handbook*.

## **TIME LIMIT**

The MPH degree must be completed within five years from the date of matriculation. The responsibility for academic progress and fulfillment of the time limit rule rests with the student. Students who fail to complete the program in five years must re-apply to the program by written petition to the Graduate Studies Committee. Approval may be contingent upon completion of additional course work. No further registration will be permitted in the absence of an approved petition. For additional information, see Section 5.5 of the *CPH Student Handbook*.

## **GRADUATE NON-DEGREE & TRANSFER CREDIT**

The transfer of credit depends on where it was earned. For OSU graduate non-degree credits, a maximum of seven semester credits hours may be transferred into the degree-granting program with approval of the faculty adviser. For transfer credit from another institution, a maximum of nine semester credits (20% of the total credit hours required for the degree) may be transferred into the program with approval of the faculty adviser. Students must petition the Graduate Studies Committee to transfer credits and the petition must be supported by the Division Chair. For additional information, see Section 10.3 of the *CPH Student Handbook*.

## **GRADUATION**

Students must be enrolled for a minimum of three graduate credit hours during the semester or term in which they plan to graduate. An "Application to Graduate" form (available on the Graduate School's web site) must be completed by the student, signed by the adviser, and returned to the Office of Academic Programs (OAP) for processing. The deadline for submitting the signed form to the OAP is the first Friday of the semester or term of graduation. Since the signed Master Exam Report Form is due in the Graduate School prior to finals week, students generally must complete their culminating projects by the middle of the semester (a timeline is available in the *Culminating Project Guidelines*). Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13.14 of the *CPH Student Handbook*.

Letter and MPH-Health Behavior & Health Promotion Advisement Guide from CPH Division of Health Behavior and Health Promotion:



College of Public Health

Division of Health Behavior and Health Promotion

**TO:** OSU Office of Academic Affairs  
**FROM:** Phyllis Pirie, PhD Chair Division of Health Behavior and Health Promotion  
**DATE:** November 1, 2010  
**RE:** Quarter-to-Semester Conversion for the College of Public Health (CPH)

**CPH DIVISION NAME:** Health Behavior and Health Promotion

**DEGREE TITLE:** Master of Public Health

**SPECIALIZATION TITLE:** Health Behavior and Health Promotion

**PROGRAM ACCREDITATION:** Council on Education for Public Health (CEPH) for Max Period 2009-2016

**SEMESTER CREDIT HOURS REQUIRED and MODIFICATIONS:** 45 semester credit hours . . . The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. Our accrediting organization CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. The MPH degree in Health Behavior and Health Promotion will require 45 semester credits to earn the degree specialization. This represents an equivalent increase of 5 semester credit hours. The rationale is based on the need to meet/exceed CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies for Health Behavior and Health Promotion.

**COURSE and CURRICULUM MODIFICATIONS:** Most of the existing quarter-based courses are 4 quarter credit hours and 40 contact hours. The semester-based versions of these courses are predominantly 2 or 3 semester credit hours and 30 or 45 contact hours, respectively. The titles and descriptions of some courses were changed to better reflect the content without deviating from the original course learning objectives. The course numbers were changed to comply with the new 4-digit format and categories of levels.

## Guide for Master of Public Health degree program with a specialization in HEALTH BEHAVIOR AND HEALTH PROMOTION

Students admitted to the Master of Public Health (MPH) degree program are assigned faculty advisers who will provide guidance throughout the program. This document serves as a resource to be used by the student and the adviser in planning a program with a specialization in Health Behavior and Health Promotion (HBHP). For additional information about requirements, students are directed to the College of Public Health (CPH) *Student Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm/>) and to the *Graduate School Handbook* (available online at <http://www.gradsch.ohio-state.edu/>).

### PROGRAM OF STUDY

The curriculum consists of a minimum of 45 semester credits organized into five curricular domains:

1. Core courses in areas of knowledge basic to public health (15 semester credits)
2. Courses required for a specialization (20 semester credits)
3. Elective courses approved for the specialization (4 semester credits)
4. Practicum (2 semester credits minimum)
5. Culminating project (4 semester credits minimum)

#### **Public Health Core Courses** (15 credits)

Every student in the MPH degree program must complete the following courses in the areas of knowledge basic to public health:

##### **Biostatistics**

PUBHBIO 6210 Design & Analysis of Studies in  
the Health Sciences I 3 cr

##### **Environmental Health Sciences**

PUBHEHS 6310 Principles of Environmental  
Health Science 3 cr

##### **Epidemiology**

PUBHEPI 6410 Principles of Epidemiology 3 cr

##### **Social and Behavioral Sciences**

PUBHHBP 6510 Preventing Disease & Promoting  
Health through Behavioral Science 3 cr

##### **Health Services Administration**

PUBHHMP 6610 Intro to Health Care Organization 3 cr

#### **Required Courses in the Specialization** (20 credits)

PUBHHBP 7528 Foundations of Professional  
Practice in Health Promotion 3 cr

PUBHHBP 7520 Community Health Assessment 3 cr

PUBHHBP 7542 Settings & Special Populations  
OR 7544 Fundamental Determinants of Hlth 3 cr

PUBHHBP 7532 Program Eval in Public Health  
OR 7534 Research Methods in HBHP 3 cr

PUBHHBP 7522 Program Planning &  
Implementation 3 cr

PUBHBIO 6211 Design & Analysis of Studies in  
the Health Sciences II 3 cr

PUBHHBP 7562 Public Health Application of  
Behavior Change Theory 2 cr



**Recommended Electives for HBHP** (4 credits)

*Any graduate-level course in Public Health may be taken as an elective.*

**Suggested electives:**

PUBHHBP 7552 Substance Abuse Prevention	2 cr
PUBHHBP 7554 Cancer Behavioral Science	2 cr
PUBHHBP 7556 Public Health in Action	2 cr
PUBHHBP 7558 Social-ecological Strategies in Prevention	2 cr

*Graduate-level courses from other departments may be selected as electives with advisor permission.*

**Practicum** (2 credits)

PUBHLTH 7189 Practicum in Public Health	2 cr
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**Culminating Project** (4 credits)

PUBHHBP 7193 Independent Study	1 cr
PUBHLTH 7998 Culminating Project in Pub Hlth	1,2 cr

*Students should enroll for 2 credits of PUBHLTH 7998 with their faculty advisors and 1 credit of PUBHLTH 7998 for the HBHP culminating project seminar.*

**PRACTICUM**

A minimum of two semester credits of field experience in public health (practicum) is required for all students in the MPH degree program. Students must spend at least 120 hours on-site in the practicum to meet the minimum requirement. Each student chooses a practicum that fits her/his career goals and is consistent with the area of specialization. An on-site preceptor supervises the student's experience, and the faculty adviser collaborates in designing and approving the learning content. Most students complete this requirement during the summer following the first academic year, though some may choose to delay it until later in their second year.

Students should be active participants in the arrangements for the practicum. The Office of Academic Programs assists students in locating appropriate field sites and provides support throughout the experience. Students are encouraged to consult with their advisers and other CPH faculty. The practicum is graded S/U and the evaluation is based on the preceptor's and adviser's assessment of the experience and the final report. Complete details on the process for seeking and confirming the placement, as well as the expectations for the practicum, are found in the *Practicum Student Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm/>).

**CULMINATING PROJECT/MASTER'S EXAMINATION**

The Graduate School requires that each master's student complete a Master's Examination. The culminating project for the MPH satisfies this requirement. MPH students specializing in Health Behavior and Health Promotion have the option of completing a traditional research-based master's thesis or an applied research project as the culminating project. Students who prefer the non-thesis option will complete a written report and an oral presentation on the applied research project. Students should begin planning their culminating projects with their faculty advisers at least two semesters prior to the expected semester of completion. More detailed descriptions of the culminating project requirements are available in the division's *Culminating Project Guidelines* online at <http://cph.osu.edu/academics/handbooks.cfm/>.

**ACADEMIC STANDARDS**

To remain in good academic standing, graduate students must maintain a minimum 3.0 overall GPA. In addition, a B- or higher must be earned in the specialization courses and core courses (with the exception of a C or C+ in one core course). No course in which a grade of C- or below is earned may count toward the degree. For more details, see Section 11.2 of the *CPH Student Handbook*.

## **TIME LIMIT**

The MPH degree must be completed within five years from the date of matriculation. The responsibility for academic progress and fulfillment of the time limit rule rests with the student. Students who fail to complete the program in five years must re-apply to the program by written petition to the Graduate Studies Committee. Approval may be contingent upon completion of additional course work. No further registration will be permitted in the absence of an approved petition. For additional information, see Section 5.5 of the *CPH Student Handbook*.

## **GRADUATE NON-DEGREE & TRANSFER CREDIT**

The transfer of credit depends on where it was earned. For OSU graduate non-degree credits, a maximum of seven semester credits may be transferred into the degree-granting program with approval of the faculty adviser. For transfer credit from another institution, a maximum of nine semester credits (20% of the total credit hours required for the degree) may be transferred into the program with approval of the faculty adviser and the Graduate Studies Chair. For additional information, see Section 10.3 of the *CPH Student Handbook*.

## **GRADUATION**

Students must be enrolled for a minimum of three graduate credits during the semester or term in which they plan to graduate. An "Application to Graduate" form (available on the Graduate School's Web site) must be completed by the student, signed by the adviser, and returned to the Office of Academic Programs (OAP) for processing. The deadline for submitting the signed form to OAP is the first Friday of the semester or term of graduation. Since the signed Master's Examination Report Form is due in the Graduate School prior to finals week, students generally must complete their culminating projects by the middle of the semester. Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13.14 of the *CPH Student Handbook*.

Letter and *MPH-Health Services Management & Policy* Advisement Guide from CPH Division of Health Services Management and Policy:



**TO:** OSU Office of Academic Affairs  
**FROM:** Allard Dembe, DSc Chair, Division of Health Service Management and Policy  
**DATE:** November 1, 2010  
**RE:** Quarter-to-Semester Conversion for the College of Public Health (CPH)

**CPH DIVISION NAME:** Health Services Management and Policy

**DEGREE TITLE:** Master of Public Health

**SPECIALIZATION TITLE:** Health Services Management and Policy

**PROGRAM ACCREDITATION:** Council on Education for Public Health (CEPH) for Max Period 2009-2016

**SEMESTER CREDIT HOURS REQUIRED and MODIFICATIONS:** 48 semester credit hours . . . The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. Our accrediting organization CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. The MPH degree in Health Services Management and Policy will require 48 semester credits to earn the degree specialization. This represents an equivalent increase of 8 semester credit hours. The rationale is based on the need to meet/exceed CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies for Health Services Management and Policy

**COURSE and CURRICULUM MODIFICATIONS:** Most of the existing quarter-based courses are 4 quarter credit hours and 40 contact hours. The semester-based versions of these courses are predominantly 3 semester credit hours and 45 contact hours. There are two x 1.5 cr courses. The titles and descriptions of some courses were changed to better reflect the content without deviating from the original course learning objectives. The course numbers were changed to comply with the new 4-digit format and categories of levels.

## Guide for the Master of Public Health degree program with a specialization in HEALTH SERVICES MANAGEMENT AND POLICY

Students admitted to the Master of Public Health (MPH) degree program are assigned faculty advisers who will provide guidance throughout the program. This document serves as a resource to be used by the student and the adviser in planning a program with a specialization in Health Services Management and Policy (HSMP). For additional information about requirements, students are directed to the College of Public Health (CPH) *Student Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm/>) and to the *Graduate School Handbook* (available online at <http://www.gradsch.ohio-state.edu/>).

### PROGRAM OF STUDY

The curriculum consists of a minimum of 48 semester credits organized into five curricular domains:

1. Core courses in areas of knowledge basic to public health (15 semester credits)
2. Courses required for a specialization in HSMP (21 semester hours)
3. Elective courses approved for the specialization (7 semester credits minimum)
4. Practicum (2 semester credits)
5. Culminating project (3 semester credits)

#### **Public Health Core Courses** (15 credits)

Every student in the MPH degree program must complete the following courses in the areas of knowledge basic to public health:

##### **Biostatistics**

PUBHBIO 6210 Design and Analysis of Studies  
in the Health Sciences I 3 cr

##### **Environmental Health Sciences**

PUBHEHS 6310 Principles of Environmental  
Health Science 3 cr

##### **Epidemiology**

PUBHEPI 6410 Principles of Epidemiology 3 cr

##### **Social and Behavioral Sciences**

PUBHHBP 6510 Preventing Disease & Promoting  
Health through Behavioral Science 3 cr

##### **Health Services Administration**

PUBHHMP 6611 Health Care Organization 3 cr

#### **Required Courses in Specialization** (21 credits)

PUBHHMP 7601 Financing for Health Care 3 cr  
 PUBHHMP 7602 Econ Analysis of Health Services 3 cr  
 PUBHHMP 7605 Introduction to Health Policy 3 cr  
 PUBHHMP 7615 Health Services Org Mgmt 3 cr  
 PUBHHMP 7611 Law and Ethics in Health Care 3 cr  
 PUBHHMP 7678 Approaches to Health Services Research 3 cr  
 PUBHHMP 7673 Understanding Health Care Organization Data 1.5 cr  
 PUBHHMP 7679 Quality & Patient Safety 1.5 cr

**Selective Courses** (6 credits)

Selectives are courses chosen from a limited course list.

*Choose three credits from an approved list of public policy courses.*

*Choose three credits from the following finance selectives:*

PUBHHMP 7620	Health Services Finance I	3 cr
PUBHHMP 7607	Fin Mgmt of Pub Hlth Prog	3 cr
PUBPOLM xxxx	Public Finance	3 cr
PUBPOLM xxxx	Public Budgeting	3 cr

**Elective Courses** (1 credit minimum)

Students should take an additional credit in an elective or in PUBHHMP 7193 Independent Studies.

**Practicum** (2 credits)

PUBHLTH 7189	Practicum in Public Health	2 cr
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**Culminating Project** (3 credits)

PUBHLTH 7998	Culminating Project in Pub Hlth	3 cr
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**PRACTICUM**

A minimum of two semester credits of field experience in public health (practicum) is required for all students in the MPH degree program. Students must spend at least 120 hours on site during the practicum to meet the minimum requirement. Each student chooses a practicum that fits with her/his career goals and is consistent with the area of specialization. An on-site preceptor supervises the student's experience, and the faculty adviser collaborates in designing and approving the learning content. The majority of students complete this requirement during the summer following the first academic year, though some may choose to delay it until later in their second year.

Students should be active participants in the arrangements for a practice placement. The Office of Academic Programs assists students in locating appropriate practicum sites and provides support throughout the experience. Students are encouraged to consult with their advisers and other CPH faculty. The practicum is graded S/U. The evaluation is based on the preceptor's and adviser's assessment of the experience and the final report. Complete details on the process for seeking and confirming the placement, as well as the expectations for the practicum, are found in the *Practicum Student Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm/>).

**CULMINATING PROJECT/MASTER'S EXAMINATION**

The Graduate School requires that each master's student complete a Master's Examination. The culminating project for the MPH satisfies this requirement.

MPH students specializing in Health Services Management and Policy have the option of completing a traditional research-based master's thesis or an integrative writing project as the culminating project. The thesis option is less frequently chosen because the majority of students intend to go directly into professional practice. However, those students who expect to pursue an academic degree program such as the PhD are encouraged to consider a thesis and there are, of course, students who are interested in a topic that is best approached in the thesis format.

Students who prefer an alternative to the thesis complete an integrative writing project. Students should begin planning their culminating project with their faculty advisers at least two semesters prior to the expected semester of completion. More detailed descriptions of the culminating project requirements are available in the division's MPH culminating project guidelines available online at <http://cph.osu.edu/academics/handbooks.cfm/>.

## **ACADEMIC STANDARDS**

To remain in good academic standing, MPH students must maintain a minimum 3.0 overall GPA. In addition, a B- or higher must be earned in the specialization courses and the core courses (with the exception of a C or C+ in one core course). No course in which a grade of C- or below is earned may count toward the degree. For more details, see Section 11.2 of the *CPH Student Handbook*.

## **TIME LIMIT**

The MPH degree must be completed within five years from the date of matriculation. The responsibility for academic progress and fulfillment of the time limit rule rests with each student. Students who fail to complete the program in five years must re-apply to the program by written petition to the Graduate Studies Committee. Approval may be contingent upon completion of additional course work. No further registration will be permitted in the absence of an approved petition. For additional information, see Section 5.5 of the *CPH Student Handbook*.

## **GRADUATE NON-DEGREE & TRANSFER CREDIT**

The transfer of credit depends on where it was earned. For OSU graduate non-degree credits, a maximum of seven semester credits may be transferred into the degree-granting program with approval of the faculty adviser. For transfer credit from another institution, a maximum of nine semester credits (20% of the total credit hours required for the degree) may be transferred into the program with approval of the faculty adviser and the Graduate Studies Chair. For more information, see Section 10.3 of the *CPH Student Handbook*.

## **GRADUATION**

Students must be enrolled for a minimum of three graduate credit hours during the semester or term of graduation. An "Application to Graduate" form (available on the Graduate School's Web site) must be completed by the student, signed by the adviser, and returned to the Office of Academic Programs (OAP) for processing. The deadline for submitting the signed form to OAP is the first Friday of the semester or term of graduation. Since the signed Master Exam Report Form is due in the Graduate School prior to finals week, students generally must complete their culminating projects by the middle of the semester. Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13.14 of the *CPH Student Handbook*.

Letter and *MPH-Clinical Translational Science* Advisement Guide from CPH Division of Epidemiology:



College of Public Health

Division of Epidemiology

**TO:** OSU Office of Academic Affairs  
**FROM:** David Murray, PhD Chair Division of Epidemiology  
**DATE:** November 1, 2010  
**RE:** Quarter-to-Semester Conversion for the College of Public Health (CPH)

**CPH DIVISION NAME:** Epidemiology

**DEGREE TITLE:** Master of Public Health

**SPECIALIZATION TITLE:** Clinical Translational Science . . . (This title is effective 12/9/10, via GS and OAA approvals . . . former title was Clinical Investigation)

**PROGRAM ACCREDITATION:** Council on Education for Public Health (CEPH) for Max Period 2009-2016

**SEMESTER CREDIT HOURS REQUIRED and MODIFICATIONS:** 45 semester credit hours . . . The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. Our accrediting organization CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. The MPH degree in Clinical Translational Health will require 45 semester credits to earn the degree specialization. This represents an equivalent increase of 5 semester credit hours. The rationale is based on the need to meet/exceed CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies for clinical translational science.

**COURSE and CURRICULUM MODIFICATIONS:** Most of the existing quarter-based courses are 4 quarter credit hours and 40 contact hours. The semester-based versions of these courses are predominantly 3 semester credit hours and 45 contact hours. The titles and descriptions of some courses were changed to better reflect the content without deviating from the original course learning objectives. The course numbers were changed to comply with the new 4-digit format and categories of levels.

## Guide for Master of Public Health degree program with a specialization in CLINICAL TRANSLATIONAL SCIENCE

Students admitted to the Master of Public Health (MPH) degree program are assigned faculty advisers who will provide guidance throughout the program. This document serves as a resource to be used by the student and the adviser in planning a program with a specialization in Clinical Translational Science (CTS). For additional information about requirements, students are directed to the College of Public Health (CPH) *Student Handbook* (available online at <http://cph.osu.edu/academic/handbooks.cfm>) and to the *Graduate School Handbook* (available online at <http://www.gradsch.ohio-state.edu/>).

### PROGRAM OF STUDY

The curriculum consists of a minimum of 45 semester credits organized into five curricular domains:

1. Core courses in areas of knowledge basic to public health (16 semester credits)
2. Courses required for a specialization in CTS (21 semester credits)
3. Elective courses approved for the specialization (3 semester credits)
4. Practicum (2 semester credits)
5. Culminating project (3 semester credits)

#### **Public Health Core Courses** (16 credits)

Every student in the MPH program must take the following courses in areas of knowledge basic to public health:

##### **Biostatistics**

PUBHBIO 6210 Design and Analysis of Studies in  
the Health Sciences I 3 cr

##### **Environmental Health Sciences**

PUBHEHS 6310 Principles of Environmental Hlth Sci 3 cr

##### **Epidemiology**

PUBHEPI 6430.01\*Epidemiology I 3 cr

PUBHEPI 6430.02 Epidemiology I Lab 1 cr

##### **Social and Behavioral Sciences**

PUBHHBP 6510 Preventing Disease & Promoting  
Health through Behavior Science 3 cr

##### **Health Services Administration**

PUBHHMP 6610 Intro to Health Care Organization 3 cr

*\*Students who pass a waiver examination for  
PUBHEPI 6420 may substitute an elective.*

#### **Required Courses in the Specialization** (21 credits)

PUBHBIO 6211 Design Analysis Studies Hlth Sci II 3 cr

PUBHBIO 6212 Regression Methods Hlth Sciences 3 cr

PUBHEPI 7412 Princ & Proc for Human Clin Trials 3 cr

PUBHEPI 7410.01 Epidemiology II 3 cr

PUBHEPI 7410.02 Epidemiology II Lab 1 cr

PUBHEPI 7430.01 Epidemiology III 3 cr

PUBHEPI 7430.02 Epidemiology III Lab 1 cr

PUBHEPI 6413.01 Basic Principles in CTS 2 cr

PUBHEPI 6413.02 Conducting & Communic Res in CTS 2 cr



**Recommended Electives** (3 credits minimum)

Choose a minimum of 3 credits from the following:

PUBHHBP 7544	Fundamental Determinants of Pop Hlth & Implications for Pub Hlth	3 cr
PUBHHBP 7558	Social Ecological Strategies in Prevention	2 cr
PUBHHBP 7532	Program Evaluation in Pub Hlth	3 cr
PUBHHBP 7520	Community Health Assessment	3 cr
PUBHHBP 7522	Prog Planning & Implementation	3 cr
PUBHHMP 7678	Approaches to Health Services Res	3 cr

**Practicum** (2 credits)

PUBHLTH 7189	Practicum in Public Health	2 cr
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**Culminating Project** (3 credits)

PUBHLTH 7998	Culminating Project in Pub Hlth	3 cr
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**PRACTICUM**

The College requires two semester credits of field experience in public health (practicum) for all students in the MPH degree program. Students must spend at least 120 hours on site in the practicum to meet the minimum requirement. For the MPH/CTS, the practicum represents an opportunity for the student to work closely with a research mentor who serves as the preceptor to guide the student through a series of experiences. The student's academic adviser collaborates in designing and approving the learning content.

Because of the special nature of the Clinical Translational Science program, many students begin their practicum earlier than would be typical in other specializations, engaging in a research apprenticeship experience. Ideally this will allow the student to participate in all aspects of the topic selection, study design, planning, and implementation of an appropriate research project. In addition, the student should be exposed to the public health issues and ethical concerns that arise in the research. Students should be active participants in the arrangements for a practice placement, working closely with their advisers and other CPH faculty.

The practicum is graded S/U. The evaluation is based on the preceptor's and adviser's assessment of the experience and the final report. Complete details on the process for seeking and confirming the placement, as well as the expectations for the practice placement, are found in the *CTS Integrated Practicum and Culminating Project Guidelines* (available online at <http://cph.osu.edu/academic/handbooks.cfm>).

**CULMINATING PROJECT/MASTER'S EXAMINATION**

The Graduate School requires that each master's student complete a Master's Examination. Students specializing in Clinical Translational Science satisfy this requirement by completing a combined practicum and culminating project. The culminating project will flow from the research process begun during the practicum, continuing on to complete the appropriate statistical analysis and prepare a manuscript in scientific journal format describing and interpreting the findings. Completion of the culminating project is contingent upon review and approval of the final report by a committee of the faculty adviser and a second CPH faculty member; other OSU faculty may serve as additional readers. Though students may collaborate with others on the project, the final report must represent the student's own work.

Students should begin planning the practicum project with their faculty advisers at least one semester in advance of the expected semester of completion. More detailed descriptions of the culminating project requirements are available in the *CTS Integrated Practicum and Culminating Project Guidelines* online at <http://cph.osu.edu/academics/handbooks.cfm>.

**ACADEMIC STANDARDS**

To remain in good academic standing, graduate students must maintain a minimum 3.0 overall GPA. In addition, a B- or higher must be earned in the specialization courses and the core courses (with the exception of a C or C+ in one core course). No course in which a grade of C- or below is earned may count toward the degree. For more details, see Section 11.2 of the *CPH Student Handbook*.

## **TIME LIMIT**

The MPH degree must be completed within five years from the date of matriculation. The responsibility for academic progress and fulfillment of the time limit rule rests with each student. Students who fail to complete the program in five years must re-apply to the program by written petition to the Graduate Studies Committee. Approval may be contingent upon completion of additional course work. No further registration will be permitted in the absence of an approved petition. For additional information, see Section 5.5 of the *CPH Student Handbook*.

## **GRADUATE NON-DEGREE & TRANSFER CREDIT**

The transfer of credit depends on where it was earned. For OSU graduate non-degree credits, a maximum of seven semester credits may be transferred into the degree-granting program with approval of the faculty adviser. For transfer credit from another institution, a maximum of nine semester credits (20% of the total credit hours required for the degree) may be transferred into the program with approval of the faculty adviser. Students must petition the Graduate Studies Committee to transfer credits; the petition must be supported by the Division Chair. For more information, see Section 10.3 of the *CPH Student Handbook*.

## **GRADUATION**

Students must be enrolled for a minimum of three graduate credits during the semester or term in which they plan to graduate. An "Application to Graduate" form, which is available on the Graduate School's Web site or in the Office of Academic Programs (OAP) must be completed by the student, signed by the adviser, and returned to OAP for processing. The deadline for submitting the signed application to OAP is the first Friday of the semester or term of graduation. Students should make arrangements for a faculty member with a primary appointment in CPH to serve as the second reader on the master's examination committee at least two months prior to the semester of graduation. Since the signed Master Exam Report Form is due in the Graduate School prior to finals week, students generally must finish their culminating projects by the middle of the semester. Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13.14 of the *CPH Student Handbook*.

**Letter and MPH-Veterinary Public Health Advisement Guide from CPH Division of Epidemiology:**



**College of Public Health**

Division of Epidemiology

**TO:** OSU Office of Academic Affairs  
**FROM:** David Murray, PhD Chair Division of Epidemiology  
**DATE:** November 1, 2010  
**RE:** Quarter-to-Semester Conversion for the College of Public Health (CPH)

**CPH DIVISION NAME:** Epidemiology

**DEGREE TITLE:** Master of Public Health

**SPECIALIZATION TITLE:** Veterinary Public Health

**PROGRAM ACCREDITATION:** Council on Education for Public Health (CEPH) for Max Period 2009-2016

**SEMESTER CREDIT HOURS REQUIRED and MODIFICATIONS:** 45 semester credit hours . . . The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. Our accrediting organization CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. The MPH degree in Veterinary Public Health will require 45 semester credits to earn the degree specialization. This represents an equivalent increase of 5 semester credit hours. The rationale is based on the need to meet/exceed CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies for veterinary public health.

**COURSE and CURRICULUM MODIFICATIONS:** Most of the existing quarter-based courses are 4 quarter credit hours and 40 contact hours. The semester-based versions of these courses are predominantly 3 semester credit hours and 45 contact hours. The titles and descriptions of some courses were changed to better reflect the content without deviating from the original course learning objectives. The course numbers were changed to comply with the new 4-digit format and categories of levels.

## Guide for the Master of Public Health degree program with a specialization in VETERINARY PUBLIC HEALTH

Students admitted to the Master of Public Health (MPH) degree program are assigned faculty advisers who will provide guidance throughout the program. This document serves as a resource to be used by the student and the adviser in planning a program with a specialization in Veterinary Public Health (VPH). For additional information about requirements, students are directed to the College of Public Health (CPH) *Student Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm/>) and to the *Graduate School Handbook* (available online at <http://www.gradsch.ohio-state.edu/>).

### PROGRAM OF STUDY

Students in the Veterinary Public Health Specialization may choose from two tracks: General or Epidemiology. The curriculum for each track consists of a minimum of 45 semester credits organized into five curricular domains:

1. Core courses in areas of knowledge basic to public health (15 semester credits)
2. Courses required for a specialization in VPH (15 semester credits)
3. Elective courses approved for the specialization (10 semester credits)
4. Practicum (2 semester credits)
5. Culminating project (3 semester credits minimum)

#### **Public Health Core Courses** (15 credits)

Every student in the MPH degree program must complete the following courses in the areas of knowledge basic to public health:

#### **Biostatistics**

PUBHBIO 6210 Design and Analysis of Studies  
in the Health Sciences I 3 cr

#### **Environmental Health Sciences**

PUBHEHS 6310 Principles of Environmental Hlth Sci 3 cr

#### **Social and Behavioral Sciences**

PUBHHBP 6510 Prev Disease & Promoting Health  
Through Behavioral Science 3 cr

#### **Health Services Administration**

PUBHHMP 6610 Intro to Health Care Organization 3 cr

#### **Epidemiology**

##### *General Track:*

PUBHEPI 6410 Principles of Epidemiology 3 cr

##### *Epidemiology track:*

PUBHEPI 6430.01 Epidemiology I 3 cr

#### **Required Courses in the Specialization** (15 credits)

##### *Both tracks:*

VETPREV X721 Zoonotic Diseases 3 cr

VETPREV X722 Food-Borne Diseases 3 cr

VETPREV X723 Biosecurity 3 cr

PUBHBIO 6211 Design Analysis Studies Hlth Sci II 3 cr

##### *General track:*

VETPREV X780 Veterinary Epidemiology 3 cr

##### *Epidemiology track:*

PUBHEPI 7410.01 Epidemiology II 3 cr

**Recommended Electives** (10 credits minimum)

Additional course(s) approved for the specialization are selected in consultation with the faculty adviser. See Appendix D in the CPH *Student Handbook* for recommended electives.

**Practicum** (2 semester credits)

PUBHLTH 7189 Practicum in Public Health 2 cr

**Culminating Project** (3 semester credits)

VETPREV X999 Research in VPM (Culm Proj) 3 cr

**PRACTICUM**

A minimum of two semester credits of field experience in public health (practicum) is required for all students in the MPH degree program. Students must spend at least 120 hours on site during the practicum to meet the minimum requirement. Each student chooses a practicum that fits with her/his career goals and is consistent with the area of specialization. An on-site preceptor supervises the student's experience, and the faculty adviser collaborates in designing and approving the learning content. The majority of students complete this requirement during the summer following the first academic year, though some may choose to delay it until later in their second year.

Students should be active participants in the arrangements for a practicum. The Office of Academic Programs assists students in locating appropriate practicum sites and provides support throughout the experience. Students are encouraged to consult with their advisers and other CPH or VPM faculty. The practicum is graded S/U. The evaluation is based on the preceptor's and adviser's assessment of the experience and the final report. Complete details on the process for seeking and confirming the placement, as well as the expectations for the practicum, are found in the *Practicum Student Handbook* (available online at <http://cph.osu.edu/academics/handbooks.cfm/>).

**CULMINATING PROJECT/MASTER'S EXAMINATION**

The Graduate School requires that each master's student complete a Master's Examination. The culminating project for the MPH satisfies this requirement either with a traditional thesis or an alternative written product.

Although MPH students specializing in Veterinary Public Health have the option of completing a traditional research-based master's thesis, the thesis option is less frequently chosen because the majority of students intend to go directly into professional practice. However, those students who expect to pursue an academic degree program such as the PhD are encouraged to consider a thesis and there are, of course, students who are interested in a topic that is best approached in the thesis format.

Students who prefer an alternative to the thesis can complete either an applied research project, a grant, or an integrative writing project. The non-thesis option requires a written project and an oral defense. Students should begin preparing for the culminating project at least two semesters prior to the expected semester of completion. See your faculty adviser for a timeline. For more detailed descriptions of the culminating project requirements, see the VPH *Culminating Project Guidelines* available online at <http://cph.osu.edu/academics/handbooks.cfm/>).

**ACADEMIC STANDARDS**

To remain in good academic standing, MPH students must maintain a minimum 3.0 overall GPA. In addition, a B- or higher must be earned in the specialization courses and the core courses (with the exception of a C or C+ in one core course). No course in which a grade of C- or below is earned may count toward the degree. For more details, see Section 11.2 of the CPH *Student Handbook*.

## **TIME LIMIT**

The MPH degree must be completed within five years from the date of matriculation. The responsibility for academic progress and fulfillment of the time limit rule rests with each student. Students who fail to complete the program in five years must re-apply to the program by written petition to the Graduate Studies Committee. Approval may be contingent upon completion of additional course work. No further registration will be permitted in the absence of an approved petition. For additional information, see Section 5.4 of the *CPH Student Handbook*.

## **GRADUATE NON-DEGREE & TRANSFER CREDIT**

The transfer of credit depends on where it was earned. For OSU graduate non-degree credits, a maximum of seven semester credits may be transferred into the degree-granting program with approval of the faculty adviser. For transfer credit from another institution, a maximum of nine semester credits (20% of the total credit hours required for the degree) may be transferred into the program with approval of the faculty adviser and the Graduate Studies Chair. For more information, see Section 10.3 of the *CPH Student Handbook*.

## **GRADUATION**

Students must be enrolled for a minimum of three graduate credits during the semester or term of graduation. An "Application to Graduate" form (available on the Graduate School's Web site) must be completed by the student, signed by the adviser, and returned to the Office of Academic Programs (OAP) for processing. In addition, VPH students must submit a copy of their current control sheet to OAP with the application to graduate. The deadline for submitting both forms to OAP is the first Friday of the semester of graduation. Since the signed Master's Exam Report Form is due in the Graduate School prior to finals week, students generally must complete their culminating projects by the middle of the semester. Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13.14 of the *CPH Student Handbook*.

Letter and MPH-Program for Experienced Professionals Advisement Guide from CPH PEP  
Program Director:



**TO:** OSU Office of Academic Affairs  
**FROM:** Randi Love, Program Coordinator, Program for Experienced Professionals  
**DATE:** November 1, 2010  
**RE:** Quarter-to-Semester Conversion for the College of Public Health (CPH)

**CPH DIVISION NAME:** Interdisciplinary

**DEGREE TITLE:** Master of Public Health

**SPECIALIZATION TITLE:** Program for Experienced Professionals

**PROGRAM ACCREDITATION:** Council on Education for Public Health (CEPH) for Max Period 2009-2016

**SEMESTER CREDIT HOURS REQUIRED and MODIFICATIONS:** 45 semester credit hours . . . The MPH degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. Our accrediting organization CEPH now requires a minimum of 42 semester credit hours and the college decided to change the degree to a minimum requirement of 45 and maximum requirement of 48 semester credit hours. The MPH degree Program for Experienced Professionals specialization will require 45 semester credits to earn the degree specialization. This represents an equivalent increase of 5 semester credit hours. The rationale is based on the need to meet/exceed CEPH requirements, better align with several other accredited MPH degree programs, and provide increased scope and depth of content to better meet the existing degree core and program specialized competencies for the Program for Experienced Professionals.

**COURSE and CURRICULUM MODIFICATIONS:** Most of the existing quarter-based courses are 4 quarter credit hours and 40 contact hours. The semester-based versions of these courses are predominantly 3 semester credit hours and 45 contact hours. The titles and descriptions of some courses were changed to better reflect the content without deviating from the original course learning objectives. The course numbers were changed to comply with the new 4-digit format and categories of levels.

## Guide for the Master of Public Health Degree PROGRAM FOR EXPERIENCED PROFESSIONALS

Students admitted to the Master of Public Health (MPH) Program for Experienced Professionals are assigned faculty advisers who are available to provide guidance throughout the program. This document serves as a resource to be used by the student and the adviser in planning a program to meet the student's needs and interests. For additional information about MPH/PEP requirements, students are directed to the College of Public Health (CPH) *Student Handbook* (available online at <http://cph.osu.edu/>) and to the *Graduate School Handbook* (available online at <http://www.gradsch.ohio-state.edu/>).

### PROGRAM OF STUDY

The curriculum for the MPH Program for Experienced Professionals (PEP) is similar to that for the full-time MPH, requiring the same total of 45 semester credits. However, PEP students do not specialize, other than through their use of electives and their choices for the practicum and culminating experience. The specific PEP course requirements recognize the needs and interests of more experienced students, with emphasis on general preparation for positions of leadership in public health. The division of time in the curriculum is as follows:

1. Required courses (28 semester credits)
2. Electives (12 semester credits)
3. Practicum (2 semester credits)
4. Culminating project (3 semester credits)

#### Required Courses (28 credits)

PUBHLTH 7040	Public Health Organization	3 cr
PUBHBIO 6200	Statistical Meth for PH Practice	4 cr
PUBHEHS 6305	Princip of Environmental Health for Experienced Professionals	3 cr
PUBHEPI 6400	Epidemiology for Exp Health Prof	3 cr
PUBHHBP 6510	Preventing Disease & Promot Hlth Through Behavioral Science	3 cr
PUBHHBP 7532	Program Evaluation in PH	3 cr
PUBHHMP 6609	Health Care Orgn for Exp Prof	3 cr
PUBHHMP 7606	Applied Health Policy	3 cr
PUBHHMP 7607	Financial Mgmt of PH Programs	3 cr

#### Practicum (2 credits)

PUBHLTH 7189	Practicum in Public Health	2 cr
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#### Culminating Project (3 credits)

PUBHLTH 7998	Culminating Project in Public Health	3 cr
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#### Electives (12 credits)

Twelve semester credits of electives may be applied toward the 45 credits required for the degree (naturally, students may take more if they wish). Some electives may be offered within the College of Public Health in formats to make them more accessible to PEP students (e.g., evening, weekend, distance education). Students also may take approved courses in other departments at Ohio State or at other universities. Elective courses taken in other departments or other universities must have *prior approval*. A listing of currently approved electives is available online at <http://cph.osu.edu/academics/mphpep.cfm> and will periodically be updated. Students who wish to take an elective that is not already on the approved list must submit an elective course approval form (included in the CPH *Student Handbook*) together with supporting documentation. In order to receive approval, the course must be at the graduate level, relevant to public health, and contribute to the student's career goals and objectives. It is essential to obtain advance approval for electives in order to avoid any possibility of a very expensive disappointment.



## PRACTICUM

A minimum of two semester credits of field experience in public health (practicum) is required for all students in the MPH degree program. A minimum of 120 on-site hours are required in an approved public health-related activity under the supervision of a public health practitioner serving as preceptor. The student works on a project of interest that benefits the sponsoring organization, and prepares a written final report on the experience.

The practicum may be pursued at any time after completion of the first two semesters of the curriculum; we recommend that it be taken during the summer between the first and second years. The practicum must precede the culminating project described in the next section. A workshop offered once per year during an on-campus session explains the requirements and process in more detail.

PEP students are encouraged to select a practicum placement in an organization different than their current employment; however, it is permissible to complete the practicum in the student's place of employment. In this case, the experience must be significantly different than the student's regularly assigned duties, must take place outside the student's usual work area, and the preceptor must be someone other than the student's regular work supervisor. The Office of Academic Programs assists students in locating appropriate field sites and provides support throughout the experience. Students are encouraged to consult with their advisers and other CPH faculty. Complete details on the process for seeking and confirming the placement, as well as the expectations for the practicum, are found in the *Field Practice Placement Student Handbook* online at <http://cph.osu.edu/academics/handbooks.cfm>.

## CULMINATING PROJECT/MASTER'S EXAMINATION

The Graduate School requires that each master's student complete a Master's Examination. The culminating project for the MPH satisfies this requirement. The culminating project, completed during the second year of the program, is a required learning activity intended to assist each student in synthesizing and applying content from the program. The student, with the guidance of a faculty adviser, will prepare a grant proposal targeted to a particular funding source or conduct an applied research project on a public health issue of interest to the student. Students should begin planning their culminating projects with their faculty advisers at least two semesters prior to the expected semester of completion. A more complete description of the process and requirements will be given to the students before the end of the first year.

## ACADEMIC STANDARDS

To remain in good academic standing, graduate students must maintain a minimum 3.0 overall GPA. In addition, MPH students must earn a B- or higher in all required courses (with the exception of a C or C+ in one core course or an elective) and no course in which a grade of C- or below is earned may count toward the degree. For more details, see Section 11.2 of the *CPH Student Handbook*.

## GRADUATE NON-DEGREE & TRANSFER CREDIT

The transfer of credit depends on where it was earned. For OSU graduate non-degree credits, a maximum of seven semester credits hours may be transferred into the degree-granting program with approval of the faculty adviser. For transfer credit from another institution, a maximum of nine semester credits (20% of the total credit hours required for the degree) may be transferred into the program with approval of the faculty adviser. Students must petition the Graduate Studies Committee to transfer credits and the petition must be supported by the Program Director. For additional information, see Section 10.3 of the *CPH Student Handbook*.

## TIME LIMIT

The MPH degree must be completed within five years from the date of matriculation into the graduate program of the College of Public Health. The responsibility for academic progress and fulfillment of the time limit rule rests with each student. Students who fail to complete the program in five years must re-apply to the program by written petition to the Graduate Studies Committee. Approval may require the student to complete additional course work. For more information, see Section 5.5 of the *CPH Student Handbook*.

## GRADUATION

Students must be enrolled for a minimum of three graduate credit hours during the semester or term in which they wish to graduate. An "Application to Graduate" form (available on the Graduate School's web site) must be completed by the student, signed by the adviser, and returned to the Office of Academic Programs (OAP) for processing. The deadline for submitting the signed form to OAP is the first Friday of the semester or term of graduation. Since the signed Master Exam Report Form is due in the Graduate School prior to finals week, students generally must complete their culminating projects by the middle of the semester. Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13.14 of the *CPH Student Handbook*.

## MPH Transition Plan

- The transition from a quarter-based to semester-based curriculum will be relatively straightforward for the MPH degree program and specializations. During January 2011, the CPH website will have a list of the quarter-based courses and the equivalent semester-based courses so that existing students who will likely still be enrolled beyond spring quarter 2012 can plan their course schedules. Each degree and program will indicate the equivalent semester-based courses required to meet the curriculum requirements specified in students original quarter-based plans of study.
- With assistance from their academic advisors, students will be provided with a list of quarter-based courses to complete during the quarters beginning spring 2011 through spring 2012. In relation, they will see the remaining didactic courses that will be offered beginning summer term 2012, when the conversion is implemented, and beyond.
- Students who are transitioning from quarter-to-semester and who matriculated prior to Summer 2012 will be required to complete the equivalent of 42 semester credits, which are the minimum credits required for CEPH accreditation.
- Students will be informed and the 2011-12 CPH *Student Handbook* will reflect the curricula to complete the program. Refer to the table summary below:

<b>Degree &amp; Specialization</b>	<b>Equivalent Semester Credits to Complete for Students Matriculated Prior to Summer 2012</b>	<b>Equivalent Semester Credits to Complete for Students Matriculated Summer 2012 or After</b>
<b>MPH-Biostatistics</b>	42	48
<b>MPH-Clin Translat Science</b>	42	45
<b>MPH-Env Health Science</b>	42	45
<b>MPH-Epidemiology</b>	42	48
<b>MPH-Hlth Behav Hlth Promo</b>	42	45
<b>MPH-Hlth Serv Mgt Policy</b>	42	48
<b>MPH-Prog Exper Prof</b>	42	45
<b>MPH-Vet Public Health</b>	42	45