

Soave, Melissa

From: Bisesi, Michael <mbisesi@cph.osu.edu>
Sent: Tuesday, March 13, 2012 10:32 AM
To: Soave, Melissa
Subject: New Specialization
Attachments: 2012NewSpecialization_BiomedInformatics_MS(Approved_03-9-12).pdf;
2012NewSpecialization_BiomedInformatics_MPH(Approved_03-9-12).pdf

Melissa –

As discussed please see the two single page attachments (one for MPH and one for MS) for the new specialization in Biomedical Informatics for addition to the existing MS and MPH degrees/majors. Please insert with the existing specializations under the two respective degrees. Many thanks for your assistance.

Mike

Michael S. Bisesi, PhD

Senior Associate Dean for Academic Affairs

The Ohio State University - College of Public Health

Director, Center for Public Health Practice

Assoc. Professor, Division Environmental Health Sciences

mbisesi@cph.osu.edu

(Exec. Admin. Asst. Susan Price (614) 247-8196 sprice@cph.osu.edu)

Address: OSU College of Public Health 256 Cunz Hall 1841 Neil Ave. Columbus, OH 43210-1955

(Approved by College of Public Health Department of Biomedical Informatics and College of Public Health Divisions, College of Public Health graduate Studies Committee, and College of Public Health Faculty 03/09/12)

The profession of public health focuses on population-based prevention of human illness and injury, promotion of healthy behaviors, and intervention and remediation to control escalation of identified issues and problems. A Master of Public Health (MPH) and Master of Science (MS) in Public Health degree is offered by the College of Public Health at The Ohio State University. Each degree has various specializations, including the new interdisciplinary specialization in Biomedical Informatics offered cooperatively with the College of Medicine. Graduate students pursuing the MPH degree with interdisciplinary specialization in Biomedical Informatics will focus more on applied practice. Those interested in increased scope and depth of research applications will pursue the MS in Public Health degree with interdisciplinary specialization in Biomedical Informatics. Graduates will be qualified for positions mainly within health departments and other governmental agencies, health care organizations, and the private sector. However, an additional outcome is to prepare students for advanced study via graduate (e.g. PhD) and professional (e.g. MD) degree programs.

Graduates of the MPH degree program with specialization in Biomedical Informatics will be better prepared to:

- compare and contrast types of major domestic and international public health issues, including sources/causes of infectious/chronic diseases, transmission, risk factors, morbidity and mortality.
- discuss various approaches/strategies for identification, response and intervention to address and attempt to resolve common public health issues.
- identify genetic, social, political, cultural, behavioral, socioeconomic, demographic and ethical factors and relationships to domestic and international public health issues and determinants of health.
- use basic tools and apply the fundamental principles of the five core disciplines of public health (biostatistics; environmental health; epidemiology; health administration/policy; health behavior/promotion) for domestic and international population health issues.
- utilize existing knowledge sources (e.g. databases) commonly used for biomedical informatics.
- discuss core biomedical informatics theories, methods, and practice areas from individual and population-based perspectives.
- interpret applicable research articles.
- apply principles of ethics for professional practice and responsible conduct of research.

Graduates of the MS degree program with specialization in Biomedical Informatics will be better prepared to:

- compare and contrast types of major domestic and international public health issues, including sources/causes of infectious/chronic diseases, transmission, risk factors, morbidity and mortality.
- perform applicable calculations and interpret descriptive and predictive biostatistical data.
- perform applicable calculations and interpret epidemiological data.
- utilize existing knowledge sources (e.g. databases) commonly used for biomedical informatics.
- discuss and apply core biomedical informatics theories, methods, and practice areas from individual and population-based research perspectives.
- conduct analysis of heterogeneous data and complex biomedical studies.

(Approved by College of Public Health Department of Biomedical Informatics and College of Public Health Divisions, College of Public Health graduate Studies Committee, and College of Public Health Faculty 03/09/12)

- interpret sets of individual- and population-based data and write reports.
- critique applicable research articles.
- engage in applicable biomedical informatic research activities.
- apply principles of ethics for professional practice and responsible conduct of research.

(Approved by College of Public Health Department of Biomedical Informatics and College of Public Health Divisions,
College of Public Health graduate Studies Committee, and College of Public Health Faculty 03/09/12)

(Approved by College of Public Health Department of Biomedical Informatics and College of Public Health Divisions, College of Public Health graduate Studies Committee, and College of Public Health Faculty 03/09/12)

Master of Science (MS) in Public Health degree – *Biomedical Informatics*
(**New interdisciplinary specialization within existing MS in PH degree/major**)

Semester Credits and Start Date: 48 credits Fall Semester 2012

Collaborating Units: College of Public Health and College of Medicine

Proposed Curriculum:

Course Alphanumeric Codes	Course Titles	Sem Credit Hours
MS CORE COURSES (14 Sem Cr Hr)		
PUBHBIO 6210	Design & Analysis of Studies in Hlth Sci I	3
PUBHBIO 6211	Design & Analysis of Studies in Hlth Sci II	3
PUBHEPI 6430	Epidemiology I	4
PUBHEPI 7410	Epidemiology II	4
Sub-Total Sem Cr Hr		14
SPECIALIZATION COURSES (16 Sem Cr Hr)		
PHARM 751	Prof & Ethical Issues in Biomedical Sci	2
PUBHBIO 6212	Regression Methods for Hlth Sci	3
BMI 5710	Introduction to Clinical Informatics	3
BMI 5740	Introduction to Translational Informatics	3
BMI 7840	Advanced Topics in Biomedical Data Management	3
BMI 7891	Seminar in Biomedical Informatics	2
Sub-Total Sem Cr Hr		16
CAPSTONE (6 Sem Cr Hr)		
BMI 7999	Thesis in Biomedical Informatics	1-6
Sub-Total Sem Cr Hr		6
ELECTIVES (12 Sem Cr Hr):		
	BMI 5720 Introduction to Imaging Informatics (3) BMI 5730 Introduction to Bioinformatics (3) BMI 7810 Adv. Topics in Clinical Informatics (3) BMI 7820 Biological and Medical Image Analysis (3) BMI 7830 Systems Biology (3) CSE 5231 Software Engineering Techniques (2) CSE 5232 Software Requirements Analysis (2) CSE 5241 Introduction to Database Systems (2) CSE 5243 Introduction to Data Mining (2) CSE 5521 Survey of Artificial Intel I: Basic Tech (2) CSE 5522 - Survey of Artificial Intel II: Adv Tech (2) CSE 5531 Introduction to Cognitive Science (3) PUBHHMP 6611 Intro Health Care Organization (3) PUBHHMP 7682 Info Sys Health Services Org (3) PUBHHMP 7605 Introduction to Health Policy (3) PUBHHMP 7678 Intro Health Services Research (3) (new) Public Health Informatics (3) PUBHBIO6270 Intro SAS for Public Health Students (3) PUBHBIO7220 Applied Logistic Regression (3) PUBHBIO7225 Survey Sampling Methods (3) PUBHBIO7235 Applied Survival Analysis (3) PUBHEPI 7430 Epidemiology III (4) PUBHEPI 6413.01 Prin Clin and Translational Sci(1) PUBHEPI 6413.02 Conduct. and Communicating Research in Clinical and Translational Science (1) PUBHEPI 6401 Health Data Sources and Uses (3) PUBHEPI 6414 Sci Writing Biomed and Clin Sci (1) PUBHHBP 7534 Research methods in HBHP (3) PUBHEPI 6431 Design and Implement. Health Surveys (3)	
Sub-Total Sem Cr Hr		12
TOTAL Sem Cr Hr		48

Status: PENDING

PROGRAM REQUEST
Master of Science in Public Health (MSPH)

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

Fiscal Unit/Academic Org	School Of Public Health - D2505
Administering College/Academic Group	Public Health
Co-administering College/Academic Group	
Semester Conversion Designation	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)
Current Program/Plan Name	Public Health
Proposed Program/Plan Name	Master of Science in Public Health (MSPH)
Program/Plan Code Abbreviation	PUBHLTH-MS
Current Degree Title	Master of Science

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	48	32.0	36	4.0
	Maximum	60	40.0	45	5.0
Required credit hours offered outside of the unit	Minimum	0	0.0	0	0.0
	Maximum	12	8.0	9	1.0
Required prerequisite credit hours not included above	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	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 MS degree currently requires a minimum of 60 quarter credit hours, which is equivalent to 40 semester credit hours. The Council on Education for Public Health (CEPH), our accrediting organization, now requires a minimum of 42 semester credit hours. Following extensive discussions and comparisons to other programs, the College of Public Health 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 is 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.

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

- Students in the MS degree program are expected to meet the competencies required for the MPH degree in their area of specialization, but not necessarily those oriented primarily to professional practice. Additional general competencies follow:
- Read the scientific literature in the student's field and critique the methods and results.
- Conduct literature reviews to evaluate the state of the science regarding specific topics.
- With input from the student's advisor, identify an unanswered research question, formulate a hypothesis, and design a research study.
- Write a research proposal.
- Conduct a research study.
- Evaluate research data and prepare a report summarizing the data, interpreting the statistical results, and presenting the findings, limitations and conclusions.
- Present and explain the study's purpose, methods, results and conclusions to an informed audience.

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)

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

Direct assessment methods specifically applicable to graduate programs

- Research proposals written and grants awarded
- 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
- Peer review of program
- External program review
- Curriculum or syllabus review
- Grade review
- Outreach participation
- Comparison or benchmarking
- 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.

Program Specialization/Sub-Plan Name	Biostatistics (Existing)
Program Specialization/Sub-Plan Goals	<ul style="list-style-type: none"> • Critique scientific research articles and assess the appropriateness of statistical applications involved. • Conduct statistical procedures and data analysis methods appropriate for analyzing data obtained from health-related research studies. • Make statistical inferences and prepare reports to communicate them, with limited supervision. • Apply appropriate statistical techniques for analyzing public health-related data with specific characteristics, including: <ul style="list-style-type: none"> Continuous data Categorical data Time-to event data Repeated measurements data Clustered data • Provide statistical consultation to investigators working on public health related research. • Design survey questionnaires and analyze resulting survey data. • Use at least one major statistical data analysis package (STATA, SPSS, SAS, R, or Splus).
Program Specialization/Sub-Plan Name	Epidemiology (Existing)

Status: PENDING

PROGRAM REQUEST
Master of Science in Public Health (MSPH)

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

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)
- Use appropriate computer software for the management and analysis of epidemiologic data.
- Identify the natural histories of major types of disease and their relevance to epidemiologic investigations.

Program Specialization/Sub-Plan Name

Environmental Health Science (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.
- Work with other public health disciplines (e.g., nurses, physicians, veterinarians, epidemiologists, biostatisticians) to address environmental and occupational health concerns.
- Access state, federal, and local resources for assessing environmental and occupational health.
- Compare the principle components and influencing factors in the exposure continuum from source to disease.
- Determine the role of exposure assessment in environmental and occupational health.

Pre-Major

Does this Program have a Pre-Major? No

Status: PENDING

PROGRAM REQUEST
Master of Science in Public Health (MSPH)

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

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_MS(12-23-10).pdf: CPH MS Info + Degree Specializations
(Program Rationale Statement. Owner: Bisesi,Michael Salvatore)

Comments

- The MS in Public Health has three specializations. The MS 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 11:19 AM)*

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Bisesi,Michael Salvatore	12/28/2010 11:19 AM	Submitted for Approval
Approved	Ferketich,Amy Kathleen	12/28/2010 11:25 AM	Unit Approval
Approved	Ferketich,Amy Kathleen	12/28/2010 11:31 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
MPH	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	-	-	-	
MHA	Health Admin	60	15	37.5	7.5	-	-	-	-
MS	Biostatistics	45	-	30	12	-	-	-	3
	Env Hlth Sci	45	-	36	6	-	-	-	3
	Epidemiology	48	-	38-39	6-7	-	-	-	3
PhD	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
MPH	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
MHA	Health Admin	56	60
MS	Biostatistics	42	48
	Env Hlth Sci	42	45
	Epidemiology	42	48
PhD	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
BIOSTAT					
		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)		
EHS					
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
EPI					
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
HBHP					
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
PUBH-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
HSMP					
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
INTERDISC					
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 Science in Public Health (MSPH) Degree Program

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

Content

- MSPH Program Rationale
- Letters and Advisement Guides (w/ Courses) for each of three 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 Science (MS) in Public Health degree program and the three specializations were converted from the existing CEPH accredited quarter-based curricula and credit hours with minimal changes to goals and/or requirements.

- Master of Science (MS) in Public Health degree w/ three program specializations:
 - Biostatistics
 - Environmental Health Sciences
 - Epidemiology

The MS 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 *MSPH-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 Science in 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 MSPH 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 MSPH 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.

Advisement Guide for Master of Science degree program with a specialization in BIostatistics

The Master of Science (MS) degree is intended for students whose interest is in the academic subject matter of the field rather than in professional practice. It is a natural entry point for many students who eventually will continue for the PhD degree. Because of this orientation, the emphasis in the MS degree program is on building a strong foundation in a particular specialty field along with the research methods important in that field.

Students admitted to the MS 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 the MS degree 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/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 three curricular domains. In addition to coursework in biostatistics, students in the MS degree program with a specialization in biostatistics are required to show approved coverage in epidemiology. The overall distribution of course work is as follows:

1. Approved course in epidemiology (3 semester credits)
2. Approved specialization and elective courses (27 semester credits)
3. Electives (12 semester credits)
4. Thesis (3 semester credits)

Epidemiology Course (3 credits)

Required:

PUBHEPI 6410 Principles of Epidemiology 3 cr

Required Courses in the Specialization (27 credits)

PUBHBIO 6212 Regression Methods for the Health Sciences 3 cr
PUBHBIO 7245 Biostatistical Collaboration 2 cr
STAT 6740 Data Management and Graphics for Statistical Analysis 3 cr
STAT 6301 Probability for Stat Inference 3 cr
STAT 6302 Theory of Statistical Analysis 3 cr
STAT 6450 Applied Regression Analysis 4 cr

Choose three of the following:

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
PUBHBIO 7240 Applied Statistical Analysis with Missing Data 3 cr

Electives (12 credits)

Because of the research orientation of the degree, it is essential that students work closely with their advisers to plan their use of electives to build the expected skills and support their thesis or culminating project.

Thesis (3 credits)

PUBHLTH 7999 Thesis Research in Public Health 3 cr

THESIS

The thesis is an integral part of the MS degree, allowing the student the opportunity to investigate a topic of personal interest and importance to the field and to integrate and synthesize from the knowledge and skills presented in the program. Details regarding Graduate School policies, including format, typing, deadlines, etc., are found on the Graduate School's web site.

In general, a thesis requires:

- identification of a topic area and an adviser in the Biostatistics Division willing to guide the preparation of the thesis;
- formation of an examining committee, composed of at least two members of the CPH Graduate Faculty, including the adviser;
- where appropriate, selection of a third member of the examining committee, who may be from outside the CPH;
- written and oral presentation of the thesis prospectus to the examining committee for approval (see Appendix I);
- completion of the thesis described in the approved prospectus;
- satisfactory defense of the thesis before the examining committee, and
- deposit of an approved (adviser-signed) copy of the full thesis and abstract in the program office and electronic submission to the Graduate School.

The student has primary responsibility for topic selection and formation of the Master's Examination Committee. The proposed topic must be approved by the faculty adviser and the committee is selected by consultation between the student and adviser. For additional information, see Section 7.3 of the *CPH Student Handbook*.

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 all required specialization courses 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*.

TIME LIMIT

The MS 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 7.5 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 credit 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 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 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's Examination Report Form is due in the Graduate School before finals week, students generally must complete their theses by the middle of the semester. Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13 of the *CPH Student Handbook*.

Letter and *MSPH-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 Science in 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 MSPH 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 MSPH 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.

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

The Master of Science (MS) degree is intended for students whose interests in environmental health are academically oriented rather than directed toward professional practice. It is a natural entry point for students who are interested in pursuing a Ph.D. degree or a career in research. Because of this orientation, the emphasis in the MS degree program is on building a strong foundation in a particular specialty field, along with the research methods important in that field. To reflect this research and academic orientation, the MS degree ordinarily requires the preparation of a thesis, though it is available under a non-thesis option at the discretion of the division of specialization.

Students admitted to the MS 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 the MS degree 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

Although the focus of the MS degree program of study is in EHS, students are required to show approved coverage in epidemiology and biostatistics. The program consists of a minimum of 45 semester credits. The overall distribution of course work is as follows:

1. Approved courses in areas of knowledge basic to public health (epidemiology and biostatistics are included in the required courses for EHS)
2. Required courses for the specialization (33 semester credits)
3. Approved electives (6 semester credits)
4. Thesis (3 semester credits)

Required Courses (36 credits)

Environmental Health Sciences

PUBHEHS 5315	Principles of Toxicology	3 cr
PUBHEHS 5325	Principles of Occupational Hlth Sci	3 cr
PUBHEHS 6315	Advanced Environmental Hlth Sci	3 cr
PUBHEHS 6320	Global Health & Env Microbiology	3 cr
PUBHEHS 7330	Principles of Exposure Assessment	3 cr
PUBHEHS 7380	Exposure Sci Monitoring Techniques	3 cr

Epidemiology

PUBHEPI 6430.01	Epidemiology I	3 cr
PUBHEPI 7410.01	Epidemiology II	3 cr

Biostatistics

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

Select three:

PUBHEHS 7325	Advanced Toxicology	3 cr
PUBHEHS 7365	Principles of Risk Assessment	3 cr
PUBHEHS 7360	Water Contam: Source & Hlth Impact	3 cr
PUBHEHS 7370	Human Health Risk Assessment of Environmental Microbiological Agents	3 cr
PUBHEHS 8340	Molecular Techniques for EHS	3 cr
PUBHBIO 6211	Design & Analysis of Studies in Health Science II	3 cr
PUBHEPI 7411	Epidemiology in Environmental Hlth	3 cr

Electives in EHS (6 credits)

Additional electives may be selected from other courses offered by the College of Public of Health or elsewhere in the University with approval of the faculty adviser.

Thesis (3 credits)

PUBHLTH 7999	Thesis Research in Public Health	3 cr
--------------	----------------------------------	------

THESIS

The thesis is an integral part of the MS degree, allowing the student the opportunity to investigate a topic of personal interest and importance to the field and to integrate and synthesize from the knowledge and skills presented in the program. There is also a non-thesis option; however, this option requires approval by petition. For additional information, see Section 7.3 of the *CPH Student Handbook*.

Details regarding the thesis, including format, typing, deadlines, etc., are found on the Graduate School's web site. In general, a thesis requires:

- identification of a topic area and an adviser in EHS willing to guide the preparation of the thesis;
- formation of an examining committee, composed of at least two members of the CPH Graduate Faculty, including the adviser;
- where appropriate, selection of a third member of the examining committee, who may be from outside the CPH;
- written and oral presentation of the thesis prospectus to the examining committee for approval (see Appendix I of the *CPH Student Handbook*);
- completion of the thesis described in the approved prospectus;
- satisfactory defense of the thesis before the examining committee, and
- deposit of an approved (adviser-signed) copy of the full thesis and abstract in the program office and electronic submission to the Graduate School.

The student has primary responsibility for topic selection and formation of the Master's Examination Committee. The proposed topic must be approved by the faculty adviser and the committee is selected by consultation between the student and adviser.

The thesis prospectus sets out the plans and methods of the proposed thesis research. The prospectus should not be longer than three pages (12 point, double-spaced). It ordinarily includes 1) a discussion of the background of the problem and an introductory survey of the relevant literature; 2) a statement of the scope of the proposed work, including how the study adds to the stock of knowledge; 3) a statement of the hypotheses or objectives of the study; and 4) a discussion of the data to be collected and the methods to be used in their analysis.

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 all required specialization courses 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*.

TIME LIMIT

The MS 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 7.5 of the *CPH Student Handbook*.

GRADUATE NON-DEGREE & TRANSFER EDIT

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. 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 Exam Report Form is due in the Graduate School prior to finals week, students generally must complete their theses 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 *MSPH-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 Science in 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 MSPH 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 MSPH 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.

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

The Master of Science (MS) degree is intended for students whose interests in epidemiology are academically oriented rather than directed toward professional practice. It is a natural entry point for students who are interested in pursuing a Ph.D. degree or a career in research. Because of this orientation, the emphasis in the MS degree program is on building a strong foundation in a particular specialty field, along with the research methods important in that field. To reflect this research and academic orientation, the MS degree ordinarily requires the preparation of a thesis, though it is available under a non-thesis option at the discretion of the division of specialization.

Students admitted to the MS 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 the program of study with a specialization in Epidemiology. 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 three curricular domains:

1. Courses required for a specialization in epidemiology (38-39 semester credits)
2. Elective courses approved for the specialization (6-7 semester credits)
3. Thesis (3 semester credits)

Required Courses in the Specialization (38-39 semester credits)

Because of the research orientation of the degree, it is essential that students work closely with their advisers to plan their electives to build the necessary skills and support their thesis.

PUBHBIO 6210	Design Analysis Studies Hlth Sci I	3 cr
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
PUBHBIO 7220	Applied Logistic Regression	3 cr
PUBHBIO 7235	Applied Survival Analysis	3 cr
PUBHEPI 6411*	Biological Basis of Public Health	3 cr
PUBHEPI 6430.01	Epidemiology I	3 cr
PUBHEPI 6430.02	Epidemiology I Lab	1 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
PUBHEPI 7431	Epidemiologic Methods	3 cr

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

Choose 2 of these 4 courses

PUBHBIO 7220	Applied Logistic Regression	3 cr
PUBHBIO 7235	Applied Survival Analysis	3 cr
PUBHBIO 7230	Longitudinal Data Analysis	3 cr
STAT 6450	Linear Regression	4 cr

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

Thesis (3 semester credits)

PUBHLTH 7999	Thesis Research in Public Health	3 cr
--------------	----------------------------------	------

THESIS

The thesis is an integral part of the MS degree, allowing the student the opportunity to investigate a topic of personal interest and importance to the field and to integrate and synthesize from the knowledge and skills presented in the program. There is also a non-thesis option; however, this option requires approval by petition. If the petition is approved, the division will establish the alternative mechanism to satisfy the Graduate School requirement for a Master's Examination [for additional information see Section II.5.2 of the *Graduate School Handbook*].

Details regarding the thesis, including format, typing, deadlines, etc., are found on the Graduate School's web site.

In general, a thesis requires:

- identification of a topic area and an adviser in Epidemiology willing to guide the preparation of the thesis;
- formation of an examining committee, composed of at least two members of the CPH Graduate Faculty, including the adviser;
- where appropriate, selection of a third member of the examining committee, who may be from outside the CPH;
- written and oral presentation of the thesis prospectus to the examining committee for approval (see Appendix I of the *CPH Student Handbook*);
- completion of the thesis described in the approved prospectus;
- satisfactory defense of the thesis before the examining committee, and deposit of an approved (adviser-signed) copy of the full thesis and abstract in the program office and electronic submission to the Graduate School.

The student has primary responsibility for topic selection and formation of the Master's Examination Committee. The proposed topic must be approved by the faculty adviser and the committee is selected by consultation between the student and adviser. For additional information, see Section 7.3 of the *CPH Student Handbook*.

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 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 MS 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 7.5 of the *CPH Student Handbook*.

Students who wish to use prior courses toward the MS degree must petition the Graduate Studies Committee for permission if the courses were taken more than five years prior to graduation. The petition must be supported by the Division Chair.

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. In most circumstances, transfer credit must meet the five-year rule. In all cases, students must petition the Graduate Studies Committee to transfer credits and 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 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 theses by the middle of the semester. Prior to graduation, students are asked to complete an Exit Survey, as explained in Section 13 of the *CPH Student Handbook*.

MS Transition Plan

- The transition from a quarter-based to semester-based curriculum will be relatively straightforward for the MS 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:

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
MS	Biostatistics	42	48
	Env Hlth Sci	42	45
	Epidemiology	42	48