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FORM C - DEGREE/PROGRAM CHANGE

CIP CODE

Date: 9/4/08

Kristine Tollestrup, Veronika Becker  
(Name of individual initiating curricular change form)

Director, Sr. Program Mgr.  
(Title, position, telephone number)

pbecker@unm.edu  
(Email address)

MPH Program  
(Department/Division/Program/Branch)

Mark Appropriate Program:

Undergraduate Degree Program

Graduate Degree Program   
(For existing degree only)

Assigned by Associate Provost for Academic Affairs

- ROUTING (All Four Collated Sets)**
1. Department Chairperson
  2. College Curriculum Committee
  3. College or School Faculty (if necessary)
  4. College or School Dean/Dean of Instruction
  5. Office of the Registrar - Catalog
  6. Director of relevant Library
  7. FS Graduate Committee (graduate courses)
  8. FS Undergraduate Committee (undergraduate courses)
  9. FS Curriculum Committee
  10. Assoc. Provost for Academic Affairs
  11. Faculty Senate
  12. Board of Regents (new degree only)

\* Plan for curricular process to take at least 12 months.

This form is for MPH Program  
Name of New or Existing Program

This program is or would be located in current undergraduate/graduate catalog on page(s) Pgs. 525 - 526

Mark appropriate category:	NEW	REVISION OF	DELETION	NAME CHANGE
Degree <u>MPH</u> Type	<input type="checkbox"/> Undergraduate degree only	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Major	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concentration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Certificate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emphasis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Department	<input type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
Subject Code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give exact title and requirements as they should appear in the catalog. See current catalog for format within the respective college (attach additional sheets if necessary). Identify in bracket form what is being changed.

See attached catalog copy

Reason(s) for Request (attach additional sheets if necessary).

Academic Committee voted to move PH Seminar into the core MPH classes in order to broaden student experience. The seminar exposes all students to speakers and real-life PH problems. All students should be required to take this seminar, therefore the move into core courses.

Attach statements to address Budgetary and Faculty Load Implications and Long-range planning.

Does this change affect in a significant way, any other departmental programs/branch campuses? Yes \_\_\_ No

If yes, have you resolved these issues with department/branch involved? (attach statement)

Proposed Effective Term: Fall 2009  
Term Year

Required Signatures:

Department Chair <u>Kristine Tollestrup</u>	Date <u>9/12/08</u>
College Curriculum Committee _____	Date _____
College or School Faculty (if necessary) _____	Date _____
College or School Dean/Dean of Instruction <u>William M. Cozyne</u>	Date <u>9/19/08</u>
Office of the Registrar—Catalog <u>Elizabeth A. Barton</u>	Date <u>10/21/08</u>
Director of relevant Library _____	Date _____
FS Graduate Committee (graduate courses) <u>Chad B</u>	Date <u>12/2/08</u>
FS Undergraduate Committee (undergraduate courses) _____	Date _____
FS Curriculum Committee <u>Kathleen</u>	Date <u>1-20-09</u>
Assoc. Provost for Academic Affairs <u>Wendy</u>	Date <u>1/20/09</u>
Faculty Senate _____	Date _____
Board of Regents _____	Date _____

Entered Banner

Entered Catalog

For Registrar's Office ONLY

Copies Mailed

## Attachment for Form C: PH 513, Public Health Seminar

### Degree Requirements for the Master in Public Health:

1. The following four core courses must be taken:  
PH 501 Principles of Public Health (3) (F)  
PH 502 Epidemiologic Methods I (3) (F)  
PH 506 Environmental/Occupational Health (3) (Sp)  
STAT 538 Biostatistical Methods I (3) (Sp)
  
2. Choice of one out of two health systems courses:  
PH 507 Health Care Systems (3) (Sp)  
PH 510 Public Health and Health Care Management (3) (Sp)
  
3. Choice of one out of these two courses:  
PH 505 Cultural, Social and Behavioral Theory and Health (3) (Sp)  
PH 552 Public Health Program Planning (3) (F)
  
4. Additional required courses:  
PH 508 Theory and Practice Seminar I (1) (F)  
(Mandatory in 1<sup>st</sup> semester, CR/NC)  
PH 509 Theory and Practice Seminar II (1) (Sp)  
(Mandatory in 2<sup>nd</sup> semester, CR/NC)  
PH 511 Writing for PH Professionals (CR/NC) (1-2) (F)  
PH 512 Proposal Writing Workshop  
(Mandatory for Professional Paper  
or Thesis Students only, CR/NC). (1)  
PH 513 Public Health Seminar (1) (F)  
PH 598 Public Health Practicum (2)  
PH 560 Special Topics in Public Health (1) (F)  
Proposal Writing Workshop:  
(Mandatory for Professional Paper or  
Thesis Students only.)
  
5. Choice of one of three culminating experience options:  
PH 596 Professional Paper (3)  
-or-  
PH 597 Public Health Integrative Experience (3)  
PH 599 Master's Thesis (6)

### Joint Degrees:

- M.P.H. / M.S.N.



core Epidemiology faculty member, or an epidemiologist or biostatistician agreed upon by the Epidemiology Curriculum Committee.

**Required Courses (10 credits)**

- PH 520 Epidemiologic Methods II 3
- PH 522 Seminar in Epidemiology 1
- PH 534 Epidemiology Data Analysis 3
- STAT 539 Biostatistical Methods II 3

**Elective Courses (6 credits)**

- PH 527 Chronic Disease Epidemiology 2
- PH 528 Infectious Disease Epidemiology 2
- PH 530 Environmental and Occupational Epidemiology 2
- PH 531 Perinatal Epidemiology 2
- PH 532 Cancer Epidemiology 2
- STAT 574 Biostatistical Methods: Survival Analysis and Logistic Regression 3

(Additional elective epidemiology courses may be developed.)

Likely to be offered at least once every two years.

**Master in Public Health Courses—Core (PH)**

**501. Principles of Public Health. (3)**

Concepts of public health related to determinants of health; cultural, social and political concepts of disease; disease prevention; health promotion, including individual behavior change and community based intervention; health policy. (Fall)

Restriction: enrolled in M.P.H. degree program.

**502. Epidemiologic Methods I. (3)**

Provides an overview of the methods of epidemiologic research. Designed to provide students with the capability of understanding epidemiologic measures of disease occurrence, interpreting the findings of epidemiologic studies and integrating the results of epidemiologic research into public health practice. (Fall)

**STAT 538. Biostatistical Methods I—Statistical Summaries and Inference. (3)**

Covers basic statistical methods including statistical summaries and inference. Methods of summarizing data include graphical displays and numerical summaries. Statistical inference includes hypothesis testing and confidence intervals. Methods for continuous and categorical data are studied. Prerequisite: B or better in MATH 121. (Fall)

**505. Cultural, Social and Behavioral Theory and Health. (3)**

In-depth investigation of behavioral, social and cultural theory's application to public health problem definition, prevention and intervention programs. Problem etiology and change strategy theories are investigated through application to specific public health problems among culturally distinct and marginalized groups in New Mexico. (Spring)

**506. Environmental/Occupational Health. (3)**

Applies the public health perspective to environmental and occupational disease. Students will learn to apply the ecological principles of agent, host and environment to diseases associated with exposures to the physical environment and chemical contaminants. Prerequisite: 501. (Spring)

**507. Health Care Systems. (3)**

Provides an overview of how health care is delivered in the United States. A wide variety of delivery and payment methods are examined. In addition, the U.S. health care delivery systems will be compared to Native American, U.S. Mexican Border, Canadian and Cuban systems. Core option for students admitted any year; required for students year 2000 and later. (Spring)

**508. Theory and Practice Seminar I. (1)**

Teaches students the core public health principles of assessment. Restricted to MPH students only. Offered on CR/NC basis only. (Fall)

Restriction: enrolled in M.P.H. degree program.

**509. Theory and Practice Seminar II. (1)**

Teaches students the core public health principles of assurance and policy. Restricted to MPH students only. Offered on CR/NC basis only. (Spring)

Restriction: enrolled in M.P.H. degree program.

**510. Public Health and Health Care Management. (3)**

This course will examine the history and organization of the U.S. Healthcare System and will focus on the core functions in public health healthcare management. The role and elements of professionalism and ethics will be integrated throughout the course. (Spring)

**511. Writing for Public Health Professionals. (1-2)**

Intensive writing course for public health professionals and graduate students. Course will promote understanding of multiple modes of writing; improves revising and editing strategies; and provides experience in synthesizing and integrating research into literature reviews and articles for public health journals. Offered on CR/NC basis only. (Fall)

Restriction: enrolled in M.P.H. degree program.

**512. Public Health Proposal Writing Workshop. (1)**

Prepares students to write their professional paper, thesis or completing another MPH culminating experience. Participants must be ready to write either their professional paper proposal or drafts of their professional paper. Offered on CR/NC basis only.

Restriction: enrolled in M.P.H. degree program.

**PH 513. Public Health Seminar**

*see attach*

**552. Public Health Program Planning. (3)**

An exploration of rational health planning methods. Methods will be applied in the development of a health program plan within a social context where public health planning actually occurs. Involves the development of a realistic program plan addressing a health-related problem and writing a proposal for funding.

**560. Special Topics in Public Health. (1-3, no limit) Δ**

**596. Professional Paper. (1-3 to a maximum of 3) □**

The professional paper allows the student to engage in analyzing or solving a real public health problem. (Summer, Spring, Fall)

**597. Public Health Integrative Experience. (3)**

One of three options for Culminating Experience. Students will conduct a computer-based systematic review of the epidemiologic and health intervention literature, perform epi data analysis and apply other planning and evaluation techniques to develop a prevention plan for a New Mexico population.

Restriction: enrolled in M.P.H. degree program.

**598. Public Health Practicum. (1-6) Δ**

Individually arranged field experience to develop and refine professional public health skills. Offered on CR/NC basis only. (Summer, Spring, Fall)

Restriction: permission of instructor.

**599. Master's Thesis. (1-6, no limit) Δ**

Restriction: permission of instructor. Offered on a CR/NC basis only.

**Master in Public Health Courses—Required Community Health Intervention Courses**

**555. Public Health Evaluation Methods. (3)**

Introduces students to the language and theory of program evaluation to undertake their own evaluation design: how to pose evaluation research questions; data collection methodologies available to them; how to make decisions about

## Budgetary and Faculty Load Statement:

There are no budgetary or faculty load implications for this new class. Class will be taught by existing faculty.

Public Health Seminar: ~~Catalog Blurb.~~

*SEE FORM B EAB*

The Public Health Seminar is a graduate seminar and journal club series focusing on a wide range of important public health topics. Expert speakers will present original research. The journal club sessions will guide students in critically evaluating the public health literature. Students must register for two semesters to receive credit.

### Reasons for Request:

The Public Health Seminar is a new course taken for a maximum of 1 credit hour that is added into the Core MPH requirements. The one credit hour addition balances the reduction of PH Integrative Seminar to 2 credit hours. The Public Health Seminar is now required for all Public Health Students. Per MPH faculty, the requirement is necessary for all students to critically review journal articles and presentations in the field of public health.

**Public Health Seminar**

**PH 522 Section 001**

**Fall, 2008**

**Family Practice Center, Room 340/ Rm 165c**

**New Broader Public Health Focus**

00-01 Credit Hour - Call # 14427

**Faculty:**

*Andy Rowland, Ph.D.*

Family Practice Center, Room 177

Office hours: By email appointment

P: 272-1391

E: [ARowland@salud.unm.edu](mailto:ARowland@salud.unm.edu)

**Meeting Times:**

Seminars are held every 2<sup>nd</sup> and 4<sup>th</sup> Tuesdays from 12:00 pm to 1:00 pm (schedule below). All seminars begin **promptly** at noon. Feel free to bring your lunch to class. Classes with speakers are held in Room 340 of the Family Medicine Bldg. Classes with journal critiques are held in Room 165c.

**Course Description:**

Prerequisites: Successful completion of Epidemiologic Methods I and Theory and Practice I or consent of instructor.

This is a lunch time epidemiology/public health journal club seminar series. Journal articles from a wide range of important public health topics are selected for critical review. Students will get practice and help identifying study designs, understanding data analysis approaches, evaluating bias and confounding, and discussing scientific, intervention and policy implications of these papers. Guest speakers will present original research and serve as experts in the discussions. **The journal club will be helpful to all MPH students in preparation for their Masters Exam.** This class is a requirement for all MPH students.

Journal articles are available via Electronic Reserves at the HSC Library.

**Course Objectives:**

Upon completion of the course, students should be able to:

1. State testable hypotheses and research questions (addressing both individual- and population-level factors) that can be assessed by epidemiologic or public health studies.
2. Describe a public health intervention, the theories it is based on, and what are the endpoints and statistical approaches being used to evaluate its success.
3. Identify demographic, behavioral, social, genetic, and environmental factors that impact disease distributions in populations.
4. Critically assess and critique scientific papers in the public health literature and describe the background, strengths, limitations, and key issues identified in those papers.
5. Discuss biases, confounding, effect modification, and causal inference criteria when assessing the validity of epidemiologic studies.