

FORM C - DEGREE/PROGRAM CHANGE

Date: 9/4/08

CIP CODE

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

Assigned by
Associate Provost
for Academic Affairs

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

pbecker@unm.edu
(Email address)

F&CM / MPH Program
(Department/Division/Program/Branch)

- 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.

Mark Appropriate Program:

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

Undergraduate Degree Program

This program is or would be located in current undergraduate/graduate catalog
on page(s) Pg 529

Graduate Degree Program
(For existing degree only)

Mark appropriate category:

	NEW	REVISION OF	DELETION	NAME CHANGE
Degree Type <u>MPH</u>	<input type="checkbox"/> Undergraduate degree only	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Major	<input type="checkbox"/>	<input 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 checked="" 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.

Move PH 522, Epi Seminar out of Required Epidemiology Courses in the Epidemiology Concentration and into Epidemiology Elective Courses

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

Forms B & C submitted for new required course for all MPH students, PH Seminar, therefore Epidemiology Seminar is no longer required for Epidemiology concentration, but will remain as an elective for additional epidemiology hours.

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 Kristine Tollestrup Date 9/12/08

College Curriculum Committee _____ Date _____

College or School Faculty (if necessary) _____ Date _____

College or School Dean/Dean of Instruction Sally M. Corcoran Date 9/9/08

Office of the Registrar—Catalog Elizabeth A. Barton Date 10/21/08

Director of relevant Library _____ Date _____

FS Graduate Committee (graduate courses) Chloe B. J. Date 11/20/08

FS Undergraduate Committee (undergraduate courses) _____ Date _____

FS Curriculum Committee _____ Date 1-20-09

Assoc. Provost for Academic Affairs _____ Date 1/20/09

Faculty Senate _____ Date _____

Board of Regents _____ Date _____

Entered Banner

Entered Catalog

For Registrar's Office ONLY

Copies Mailed

Budgetary and Faculty Load Statement:

This course is simply being moved from concentration requirements to concentration electives. Consequently, there are no budgetary or faculty load implications.

Epidemiology Concentration Required Courses:

PH 520 Epidemiologic Methods II. (3) (S)

STAT 539 Biostatistics Methods II-Introduction to Statistical Modeling. (3) (S)

PH 534 Epidemiology Data Analysis (3) (F)

PUBLIC HEALTH

PH 500. Introduction to Public Health. (3) (S)

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Community Health Intervention Methods

PH 503. Introduction to Public Health. (3) (S)

PH 504. Introduction to Public Health. (3) (S)

PH 505. Introduction to Public Health. (3) (S)

PH 506. Introduction to Public Health. (3) (S)

PH 507. Introduction to Public Health. (3) (S)

PH 508. Introduction to Public Health. (3) (S)

PH 509. Introduction to Public Health. (3) (S)

PH 510. Introduction to Public Health. (3) (S)

PH 511. Introduction to Public Health. (3) (S)

PH 512. Introduction to Public Health. (3) (S)

PH 513. Introduction to Public Health. (3) (S)

PH 514. Introduction to Public Health. (3) (S)

Epidemiology Research Courses

PH 515. Introduction to Public Health. (3) (S)

PH 516. Introduction to Public Health. (3) (S)

PH 517. Introduction to Public Health. (3) (S)

PH 518. Introduction to Public Health. (3) (S)

PH 519. Introduction to Public Health. (3) (S)

PH 520. Epidemiologic Methods II. (3) (S)

PH 521. Introduction to Public Health. (3) (S)

PH 522. Introduction to Public Health. (3) (S)

appropriate data collection methods for different types of evaluation objectives.

554. Public Health and Health Care Communication. (2-3)

Explores topics in patient-doctor and client-health care worker communication. From the public health standpoint, emphasizes communication about health promotion and disease prevention. Considers critically the communication processes in public health campaigns, especially how health policy issues are portrayed in mass media.

Community Health Intervention Electives

504. Rural Health. (3)

Increases awareness of the complex factors affecting delivery of rural health services in New Mexico and the U.S. and examines rural health support systems and rural health policy.

554. Public Health Policy, Politics and Advocacy. (2-3) Introduces students to the basics of US and New Mexico health policy by providing an overview of health care policies, health advocacy, delivery systems, financing and economics across federal and state/local governments.

568. Popular and Empowerment Education. (2) Focuses on empowerment education and popular learning methodologies within the context of public health. Theoretical and experiential course creating opportunities for dialogue between theory and practice.

572. Community Health Intervention Models. (2) The present course examines the current models for health interventions at the community level. In contrast to the traditional focus on behavior change at the individual level, this course is designed to provide a broad exposure to the foundations for preventive health interventions at the community level.

580. Public Health Community Health Assessment. (1-3) Introduces participants to a participatory community assessment model. Participants will learn and practice the following: steps in the participating community assessment model, data sources and data collection strategies for sub-county areas, data analysis, using results of community assessment to make change. One credit, a 5 page problem analysis; 2 credits, additional 10 page paper and 3 credits will include additional data analysis.

Master in Public Health Courses—Required Epidemiology Courses

520. Epidemiologic Methods II. (3)

Provides a good understanding of the principles and methods involved in the design, conduct, analysis and interpretation of epidemiologic research.

Prerequisite: 502 and STAT 538 or STAT 527. (Spring)

STAT 539. Biostatistics Methods II—Introduction to Statistical Modeling. (3)

Covers basic models used in the statistical analysis of studies in the medical sciences and public health field, with an emphasis on epidemiology. Linear regression, analysis of variance, logistic regression and survival models are studied.

Prerequisite: Biostat I. (Spring)

522. Seminar in Epidemiology. (0-1 to a maximum of 4) □

Guest speakers will lecture on various topics in the field of epidemiology. To receive credit students must attend at least 12 seminars during two consecutive semesters and make a 20-minute presentation. Offered on CR/NC basis only.

Prerequisite: 502. (Fall, Spring)

534. Epidemiology Data Analysis. (3)

Students will learn how to conduct a careful epidemiologic data analysis. The focus of the course is developing the practical and critical thinking skills to conduct an epidemiologic data analysis. This course is required for epidemiology concentration students.

Prerequisite: 520 and STAT 539.

Epidemiology Elective Courses

525. Epidemiology Surveillance. (2)

Covers disease surveillance in the history of public health; establishing a disease surveillance system; surveillance of infectious diseases, chronic/environmental diseases and behavioral risk factors; surveillance system evaluation and surveillance in emergency conditions. Emphasizes the central role that surveillance plays in development of public health policy.

Prerequisite: 502.

527. Chronic Disease Epidemiology. (2)

Familiarize student with methods of measuring morbidity and mortality from chronic disease, surveillance of behavioral risk factors for chronic disease, the scientific basis and cost-benefit analysis of screening programs, evaluation of prevention efforts and modeling disease patterns to predict future needs.

Prerequisite: 502.

528. Infectious Disease Epidemiology. (2)

Learn basic epidemiological principles of infectious diseases. Learn and understand the multiple factors associated with spread of infectious agents within populations and development, application and evaluation of control measures to stop or prevent transmission.

Prerequisite: 502.

530. Environmental and Occupational Epidemiology. (2)

This course explores key concepts and methods involved in the design, analysis and interpretation of epidemiologic studies of environmental and occupational disease. Lectures and Case Studies critically evaluate public health problems related to environmental exposures.

Prerequisite: 502.

531. Perinatal Epidemiology. (2)

Review of a wide range of topics central to perinatal epidemiology. Highlighted topics will include conception and early fetal loss, design issues in studies of adverse reproductive outcomes and epidemiologic aspects and public health approaches to prevention of congenital malformation.

Prerequisite: 502.

532. Cancer Epidemiology. (2)

Covers basic concepts and methods in cancer research. Specific topics for discussion include cancer surveillance, measures of disease occurrence, descriptive epidemiology of cancer, causal mechanisms, etiologic factors, screening issues, cancer prevention and control, and intervention studies.

Prerequisite: successful completion of both 502 and Biostat I. An understanding of research methodology and biology will be assumed. (Offered on demand)

Prerequisite: 502 and (STAT 527 or 538).

STAT 574. Biostatistical Methods: Survival Analysis and Logistic Regression. (3)

A detailed overview of methods commonly used to analyze medical and epidemiological data. Topics include the Kaplan-Meier estimate of the survivor function, models for censored survival data, the Cox proportional hazards model, methods for categorical response data including logistic regression and probit analysis, generalized linear models.

Prerequisite: 528 or 540.

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MOVE UNDER EPI ELECTIVES