

APPLICATION FOR NEW COURSE

1. Submitted by the College of Public Health Date: May 9, 2008

Department/Division proposing course: Health Behavior

2. Proposed designation and Bulletin description of this course:

a. Prefix and Number CPH 740

b. Title* Introduction to Maternal and Child Health

*If title is longer than 24 characters, write a sensible title (24 characters or less) for use on transcripts:

Maternal and Child Health

c. Courses must be described by at least one of the categories below. Include the number of actual contact hours per week for each category, as applicable.

() CLINICAL () COLLOQUIUM () DISCUSSION () LABORATORY () LECTURE
() INDEPEND. STUDY () PRACTICUM () RECITATION () RESEARCH () RESIDENCY
() SEMINAR () STUDIO () OTHER – Please explain: _____

d. Please choose a grading system: Letter (A, B, C, etc.) Pass/Fail

e. Number of credit hours: 3

f. Is this course repeatable? YES NO If YES, maximum number of credit hours: 3

g. Course description:

This course will acquaint students with the major issues and challenges of working in the area of maternal and child health

h. Prerequisite(s), if any:

UK graduate or professional school student status

i. Will this course be offered through Distance Learning? YES NO

If YES, please circle one of the methods below that reflects how the majority of the course content will be delivered:

Internet/Web-based Interactive video Extended campus Kentucky Educational Television (KET/teleweb) Other

Please describe "Other": _____

3. Teaching method: N/A or Community-Based Experience Service Learning Component Both

4. To be cross-listed as: _____
Prefix and Number Signature of chair of cross-listing department

5. Requested effective date (term/year): Spring / 2009

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6. Course to be offered (please check all that apply): Fall Spring Summer
7. Will the course be offered every year? YES NO
If NO, please explain: _____
8. Why is this course needed?
This course has been offered twice as a Special Topics number and is being converted to regular freestanding course number.
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9. a. By whom will the course be taught? James C. Cecil, III
- b. Are facilities for teaching the course now available? YES NO
If NO, what plans have been made for providing them?

10. What yearly enrollment may be reasonably anticipated?
10
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11. a. Will this course serve students primarily within the department? Yes No
- b. Will it be of interest to a significant number of students outside the department? YES NO
If YES, please explain.
This course is a requirement of a Graduate Certificate in Maternal and Child Health which is open to students within the University who apply and are accepted by the Graduate School.
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12. Will the course serve as a University Studies Program course[†]? YES NO
If YES, under what Area? _____
- [†]AS OF SPRING 2007, THERE IS A MORATORIUM ON APPROVAL OF NEW COURSES FOR USP.
13. Check the category most applicable to this course:
- traditional – offered in corresponding departments at universities elsewhere
- relatively new – now being widely established
- not yet to be found in many (or any) other universities
14. Is this course applicable to the requirements for at least one degree or certificate at UK? Yes No
15. Is this course part of a proposed new program? YES NO
If YES, please name: Graduate Certificate in Maternal and Child Health
16. Will adding this course change the degree requirements for ANY program on campus? YES NO
If YES[‡], list below the programs that will require this course:

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In order to change the program(s), a program change form(s) must also be submitted.

- 17. [X] The major teaching objectives of the proposed course, syllabus and/or reference list to be used are attached.
18. [] Check box if course is 400G or 500-level, you must include a syllabus showing differentiation for undergraduate and graduate students by (i) requiring additional assignments by the graduate students; and/or (ii) the establishment of different grading criteria in the course for graduate students. (See SR 3.1.4)
19. Within the department, who should be contacted for further information about the proposed new course?

Name: James C. Cecil, III Phone: 859 218-2031 Email: jimc@email.uky.edu

20. Signatures to report approvals:

5/9/08 DATE of Approval by Department Faculty
Richard Crosby Reported by Department Chair

6/25/08 DATE of Approval by College Faculty
Linda A. Alexander Reported by College Dean

* DATE of Approval by Undergraduate Council
Reported by Undergraduate Council Chair

* DATE of Approval by Graduate Council
Reported by Graduate Council Chair

9/16/08 * DATE of Approval by Health Care Colleges Council (HCCC)
Heidi Anderson Reported by Health Care Colleges Council Chair

* DATE of Approval by Senate Council
Reported by Office of the Senate Council

* DATE of Approval by University Senate
Reported by Office of the Senate Council

*If applicable, as provided by the University Senate Rules. (http://www.uky.edu/USC/New/RulesandRegulationsMain.htm)

CPH 740: Introduction to Maternal & Child Health

Syllabus and Course Policies Document

Credit Hours: 3
Meets: Tuesdays, 6:00 PM to 8:30 PM, Room CN (Nursing) 502A
Prereq: Enrollment in Public Health degree program or consent of an instructor.
Call # 07045



<u>Course Instructors:</u>	Ken Muse, M.D. Associate Professor & Director, Division of Reproductive Endocrinology Department of Obstetrics & Gynecology Room C361, UK Medical Center 0293	Henrietta S. Bada-Elzey, M.D., MPH Professor and Director, Division of Neonatology Department of Pediatrics MS 477, UK Medical Center 0298
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WWW:		

Course Description: An introductory course that surveys the Public Health subspecialty of Maternal & Child Health, reviewing basic maternal & child health issues including the medical aspects of normal pregnancy and infant care; disease processes of both, including prematurity & low birth weight; factors that influence MCH, including age, race, pregnancy spacing, and nutrition; data collection and analysis regarding reproduction; and the healthcare system which delivers MCH. Throughout the course, these issues will be explored at the local, Kentucky, national, and international levels.

Course Objectives: To introduce masters and doctoral students to key maternal and child health policy, access, programs, and data concepts and issues. At the completion of the course students should be able to:

- (1) Describe maternal and child health programs, policies, and services;
- (2) Describe the distribution of maternal and child health problems in the U.S. and the world;
- (3) Assess access to maternal and child health services;
- (4) Describe and interpret indices utilized in public health to assess the adequacy of maternal and child health services;
- (5) Describe care across the maternal and child health spectrum;
- (6) Describe risk factors for maternal and child health conditions/diseases; and,

(7) Describe and assess legal/ethical issues related to maternal and child health.

Textbook: None. The following may be of interest: Kotch JB. Maternal and Child Health, second edition. 2005 Jones and Bartlett, publishers. ISBN 0-7637-3171-4

E-mail: We will be sending course materials regularly by e-mail. Please check your e-mail daily.

Accommodations: If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (www.uky.edu/TLC/grants/uk_ed/services/drc.html). If you have not already done so, please register with the Disability Resource Center (Room 2 Alumni Gym, 257-2754, jkarnes@uky.edu) for coordination of campus disability services available to students with disabilities.

Academic Honesty: The College of Public Health and the University of Kentucky place a premium on academic honesty. Please refer to the University of Kentucky Student Rights and Responsibilities document (www.uky.edu/StudentAffairs/Code/part2.html).

Student Evaluation: There will be a mid-term (50%) and final exam (50%). Each test will be 50 multiple choice questions. Students will get an "A" grade if they get 90-100% of the answers correct, a "B" for 80-89% correct, a "C" for 70-79% correct, and an "F" for less than 70%.

Class Attendance: Please show up for class, it will hurt our feelings if you don't.

Provisionality: We reserve the right to clarify or amend these policies, in which case we will document the clarification or amendment in an e-mail memorandum.

(Tentative) Class Schedule

- Week 1: Muse: Introduction to Class; History of Maternal & Child Health.
- Week 2: Muse: Epidemiologic measures of fertility and births, in Kentucky, USA, & Worldwide. Birth certificates; Accuracy of information.
- Week 3: Muse: Effects of family planning, contraception, & interception; medical & surgical abortion.
- Week 4: Muse: Measuring maternal mortality and morbidity as indexes of MCH care.
- Week 5: Muse: Teen Pregnancy; HIV & Sexually Transmitted Diseases.
- Week 6: Muse: Advanced maternal age, multiple births, Apgar scores, sex ratio.
- Week 7: Muse: Mid-term Exam
- Week 8: Cecil: Oral Health and Maternal Child health
Bada: Prematurity and low birth weight as public health issues (future implications of intrauterine growth restriction)
- Week 9: Spring Break

- Week 9: Bada: Prenatal care: assessing adequacy and issues with access; Nutrition in Pregnancy and impact on fetal development (folic acid supplementation and congenital malformations, fetal growth and low birth weight)
- Week 10: Bada: Policies and recommendations for Newborn Screening (metabolic disorders, hemoglobinopathies, and hearing) Health behaviors during pregnancy, Substance abuse during pregnancy and impact on the fetus, newborn and child development
- Week 11: Bada: Infant mortality and Public Health (SIDS, Child Maltreatment; Maternal stress and infant behavior and health)
Pollack: Accidental injuries;
- Week 12: Bada: Ethics and legal issues (maternal-fetal conflict)
- Week 13: Shepherd: Kentucky MCH programs
Reynolds: KEIS
- Week 14: Finals Week. Exam # 2.

We will email handouts.

There will be two tests

Assignments will be given (will be part of the final grade 7.5 points for each assignment to be added to the final grade).

Schedule may be rearranged depending upon availability of guest faculty.
