RECEIVED

FEB 5 20/3

1.	GENERAL INFORM	ATION		OFFICE OF THE
Colle	ge: Public	Health	Department: Epidemiology	SENATE COLINCIA
Curre	ent Major Name:	Epidemiology and Biostatistics	Proposed Major Name:	no change
Curre	ent Degree Title:	Ph.D.	Proposed Degree Title:	no change
Form	nal Option(s):	, NA	Proposed Formal Option(s):	no change
Specialty Fields within Formal Option: NA		NA	Proposed Specialty Fields within Formal Option: no change	
Date	of Contact with Ass	sociate Provost for Academic	Administration: ¹ 17 April 2012	
Bulle	tin (yr & pgs): Sprin	g 2012, pp. 190-193 CIP	Code: 26.1102 Today's D Biostatistics	ate: 17 April 2012
Accre	editing Agency (if a	oplicable): NA		
Reau	ested Effective Dat	e: Semester following	approval or X Specific Date: ²	01 July 2013
•				
Department Contact Person: Wayne Sanderson (Epidemiology) and Richard Kryscio (Biostatistics)			·	sa223@uky.edu and email.uky.edu
2 (1	HANGE(S) IN DROG	RAM REQUIREMENTS		
Z. C.	IIANOL(3) IN FROG	MAIN RECOINCINES	<u>Current</u>	<u>Proposed</u>
1.	Number of transfe (Maximum is Graduate Sci		9 credit hours it hours needed to fulfill the pre-qualifying residency	no change requirement.)
2.	Residence require	ment (if applicable)	1 year before and after qualifying exam	no change
	(Minimum of one year be	fore and after qualifying exam.)		* * *
3.	Language(s) and/o	r skill(s) required	statistical computing	no change
4.	Provisions for mor criteria	nitoring progress and termina	exam (internal assessment or readiness for dissertation research), a qualifying exam (permitting formal advancement to candidacy), and a final exam (dissertation defense) are the major progress yardsticks. Each of these car be taken a second time if failed the first time, but a second failure is potential grounds for termination. In addition, a GPA below 3.00,	

multiple "C" grades, multiple

"W" grades, multiple unresolved "I" grades, an "E" grade, a "U" grade, and failure to adhere to Graduate School time limits are all potential grounds for termination. 5. Total credit hours required: 58 plus residency no change **℃PH 605** 6. Required courses: **CPH 712 BST 675 BST 675 BST 676 BST 676** B\$T 639ی BST 681 M BST 760 BST 682 in v£PI 716 **₹PI 714 EPI 714** _B\$T 761 BST 761 **BST 762 BST 762** 1 €PI 715 **EPI 715 CPH 711** CPH 701 CPH 786 (4 times) **CPH 786 (4 times)** 7. Required Distribution of courses within program: All courses above plus DGS-All courses above plus DGSapproved open elective (1), approved open electives (3), epidemiology electives (2), epidemiology electives (3), and 700-level biostatistics 700-level biostatistics electives (2) electives (2), and public health elective (1) 8. Minor area or courses outside program required: no change na Distribution of course levels required all 600-700 no change (400G-500/600-700) 10. Qualifying examination requirements Student furnishes no change committee with written document (dissertation in progress) and gives oral presentation describing dissertation in progress as well as proposal to complete dissertation research; committee members may ask questions about the written document, oral presentation, or topics in epidemiology and biostatistics deemed relevant to evaluation of the

student's competence to complete the dissertation research.

¹Prior to filling out this form you MUST contact the Associate Provost for Academic Administration (APAA). If you do not know the CIP code, the APAA can provide you with that during the contact.

Program changes are typically made effective the semester following approval. No changes will be made effective until all approvals are received.

references to those requirements. Synopsis of Proposed Changes to the Ph.D. Program in Epidemiology and Biostatis Now that the Ph.D. program has been running for three years, we have some insights into meet the students' needs, and so we propose the following modifications. 1. CPH 605 (Introduction to Epidemiology) will no longer be required, as this is a master's I the comparable master's level course in Biostatistics is not part of the curriculum. Indeed, after running the Ph.D. program for three years has been that, even among those without background in Epidemiology, Ph.D. students are capable of beginning immediately with CP Epidemiology). However, Ph.D. students entering without a prior background in Epidemiol wish, take CPH 605. In this case, CPH 605 will count as a DGS-approved free elective. 2. EPI 716 (Infectious Disease Epidemiology) and CPH 711 (Chronic Disease Epidemiology) required of all Ph.D. students, as these courses represent specialty areas that may not be p. Ph.D. students. Instead, these courses and the existing requirement to complete two DGS-electives in Epidemiology will be replaced by a new requirement to complete three DGS-alin Epidemiology. To preserve the number of credit hours in the program on account of this removal of the CPH 605 requirement as noted earlier, the existing requirement to complete approved free elective will be replaced by a new requirement to complete three DGS-apprelectives. The DGS-approved electives in Epidemiology may include EPI 716 and CPH 711 a (Managerial Epidemiology), CPH 615 (Cancer Epidemiology), CPH 617 (Environmental/ Occ Epidemiology), CPH 662 (Public Health Response to Terrorism), and special topics courses CPH 718 (e.g., Social Epidemiology and Perinatal Epidemiology). 3. CPH 639/BST 639 (Computing Tools) and BST 760 (Advanced Regression) will be discont replaced by BST 681 (Linear Regression) and BST 682 (Generalized Linear Models). Our per running the Ph.D. program for three years has been that Ph.D. students are already rather computing,					
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4. CDU 704 (tetre destinate Deblic Bealth) lession have discontinued will be made and bear	ear Models). Our perception after is are already rather conversant with a prerequisite for the Ph.D. is a prerequisite for the Ph.D. is a prerequisite for the Ph.D. is a prerequisition of e. On the other hand, we also provided in a single course such as a leed outcomes (along with some				
4. CPH 701 (Introduction to Public Health), having been discontinued, will be replaced by a elective in public health.	will be replaced by a DGS-approved				

The proposed changes are summarized by the following prototypical plan for a full-time student.

Year 1 Fall CPH 712 Advanced Epidemiology (3) ABST 675 Biometrics I (4) BST 681 Linear Regression (3) CPH 786 Doctoral Seminar (1) Review material from courses taken so far in anticipation of comprehensive examination Spring BST 682 Generalized Linear Models (3) BST 676 Biometrics II (4) BST 682 Generalized Linear Models (3) LOPH 786 Doctoral Samina Summer ÆPI 714 Epidemiologic Study Design (3) QPH 786 Doctoral Seminar (1) Review material from courses taken so far in anticipation of comprehensive examination Year 2 Fall EPI 715 Research Methods in Epi & Bio (3) BST 761 Time to Event Analysis (3) Free Elective (3) Elective in Public Health (1) Winter Comprehensive examination Choose dissertation advisor Spring EST 762 Longitudinal Data Analysis (3) Free Elective (3) Elective in Epidemiology (3) 、 ∕2∕PH 786 Doctoral Seminar (1) Form dissertation committee Summer Begin dissertation research Year 3 Fall Free Elective (3) Elective in Biostatistics (3) Elective in Epidemiology (3) Continue dissertation research Winter Continue dissertation research **Spring** Elective in Biostatistics (3) Elective in Epidemiology (3) **CPH 786 Doctoral Seminar (1) CPH 767 Residency Credit (2)** Qualifying examination Summer Continue dissertation research Year 4 Fall ĆPH 767 Residency Credit (2) Continue dissertation research Winter Continue dissertation research Spring CPH 767 Residency Credit (2) Final examination Submit final version of written dissertation document to Graduate School

Signature Routing Log

To Be Added by Academic Affairs prior to submission to HCCC

Dr. Brian A. Jackson

DN: cn=Dr. Brian A. Jackson

ON: cn=Dr. Brian A. Jackson, o=University of Kentucky,
ou=Graduate School, email, c=US
Date: 2013.02.05 13:06:24-05'00'

College of Public Health Program Change Proposal PhD in Epidemiology/Biostatistics

Approved by:

Department of Biostatistics

Richard J. Kryscio, PhD, Chair

May 30, 2012

Academic Advisory Committee

Steven Browning, PhD, Chair

September 25, 2012

Faculty Council

Steven Fleming, PhD, Chair

October 9, 2012

Academic Dean

William G. Pfeifle, EdD

Associate Dean for Academic Affairs

October 10, 2012

Health Care Colleges Council

Cynthia Beeman, Chair 11/20/12



Office of Academic Affairs 111 Washington Avenue, Suite 118 Lexington KY 40536-0003 (859) 218-2092 phone (859) 323-5698 fax http://www.mc.uky.edu/PublicHealth

MEMORANDUM

TO:

Health Care Colleges Council

FROM:

William G. Pfeifle, EdD

Associate Dean for Academic Affairs

SUBJECT:

Progam Change Proposal for PhD in Epidemiology/Biostatistics

DATE:

October 10, 2012

It is the intention of the College of Public Health to modify curriculum requirements for the PhD in Epidemiology/Biostatistics program. The program has been active for three years and faculty observations about student knowledge and performance has prompted this change proposal.

This program change proposal has been reviewed and approved by the Academic Affairs Committee and the Faculty Council, according to our college's established bylaws.

Further information about this course can be obtained by contacting the program DGS director, Dr. Wayne Sanderson: 218-2227 (phone) or wsa223@uky.edu (email).

PLS 640 Advanced Topics in Plant Propagation

PLS 641 Plant Water Relations

PLS 643 Advanced Greenhouse Crop Production

PhD in Epidemiology/Biostatistics and the following related courses:

BST 639, Drop, Computing Tools for the Biomedical Sciences

BST 760, Drop, Advanced Regression

BST 701, Change, Bayesian Modeling in Biostatistics

BST 740, Change, Spatial Statistics

BST 762, Change, Longitudinal Data Analysis

BST 764, Change, Applied Statistical Modeling for Medicine and Public Health

BST 766, Change, Analysis of Temporal Data in Public Health

BST 681, New, Linear Regression

BST 682, New, Generalized Linear Models

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