UNIVERSITY OF KENTUCKY

College of Nursing
UK Medical Center
315 College of Nursing Bldg.
Lexington, KY 40536-0232
859 323-6533
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www.mc.uky.edu/nursing

Jim Lindsay
Health Care Colleges Council
205 Frazee Hall 0031

Dear Jim:

Attached are two requests from the PhD Program in Nursing. The first request is for a new course titled NUR 771 Research Experience. This course will replace the current required 3 credit independent study in the PhD curriculum. The second request is a change to the PhD program that involves three modifications: a) decrease in the minimum number of required statistics from 11 to 9, b) replace an elective statistic course with one offered in the College of Nursing, c) reduce the number of required degree credits in the program to match changes in the curriculum

Please let me know if you need additional documentation or have any questions.

Best regards

Terry A. Lennie

Terry A. Lennie
Associate Dean, PhD Studies
529 College of Nursing
tlennie@uky.edu
323-6631

seeblue.
An Equal Opportunity University

REQUEST TO CHANGE DOCTORAL DEGREE PROGRAM

GENERAL INFORMATION

College:	Nursing	Department:	_____
Current Major Name:	Nursing	Proposed Major Name:	No change
Current Degree Title:	Doctor of Philosophy in Nursing	Proposed Degree Title:	No change
Current Formal Option(s):	_____	Proposed Formal Option(s):	_____
Current Specialty Fields w/in Formal Option:	_____	Proposed Specialty Fields w/in Formal Option:	_____

Date of Contact with Associate Provost for Academic Administration[1]:	10/06/09				
Bulletin (yr & pgs):	2009 Pg 264-269	CIP Code[1]:	51.1608	Today's Date:	10-12-09
Accrediting agency (if applicable):	_____				
Requested Effective Date:	☐ Semester following approval.	OR	☒ Specific Date[2]:	Fall Semester 2010	
Dept Contact Person:	Terry A. Lennie	Phone:	3-6631	Email:	tlennie@uky.edu

CHANGE(S) IN PROGRAM REQUIREMENTS

	Current	*Proposed*
1. Number of transfer credits allowed:	_____	_____
(Maximum is Graduate School limit of total of 9 hours (or 25% of the credit hours needed to fulfill the pre-qualifying residency requirement.)		
2. Residence requirement:	_____	_____
(Minimum of one year before and after Qualifying Exams.)		
3. Language(s) and/or skill(s) required:	_____	_____
4. Provisions for monitoring progress and termination criteria:	_____	_____
5. Total credit hours required:	49 Post masters entry/ 73 Post BSN entry	*44 post masters entry/* *68 post BSN entry*
6. Required courses:	Change 1. see options a. b. c. in Quesiton 7. In addition to the required statistic courses, students take 1 or 2 elective statistics courses to meet 11 credit mininum if they choose option a. or b.; which are the most commonly chosen options no discrete list of elective courses is specified	*Change 1.* *See options a. b. c. in Question 7. The mininum required credits will be reduced to 9 to prevent students from needing to take additional elective(s) if they choose option a. or b.*

[1] Prior 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.

[2] Programs are typically made effective for the semester following approval. No program will be made effective until all approvals are received.

REQUEST TO CHANGE DOCTORAL DEGREE PROGRAM

	Change 2. Independent study for 3 credits to meet research experience requirement	*Change 2.* *Proposed new 3 credit course NUR 771 Research Residency that can be waived by advisory committee if student has worked as a research assistant*
7. Required distribution of courses within program:	Change 1. Three options are available a.STA 580 (3), CPH 630 (3), Elective (3) and Elective (2) = 11 b. STA 580 (3), STA 671/672 (4), Elective (3), and Elective (1) = 11 or c. STA 570 (4), STA671/672 (4), and Elective (3) = 11 credits Change 2. Independent Study (3)	*Change 1.* *Three options will be available* *a. STA 580 (3), CPH 630 (3), and NUR 794 (3) = 9* *b. STA 580 (3), STA 671/672 (4), and NUR 794 (3) = 10* *or* *c. STA 570 (4), STA671/672 (4), and NUR794 (3) = 11 credits* *Change 2* *NUR 771 (3)*
8. Minor area or courses outside program required:	_____	_____
9.Distribution of courses levels required (400G-500/600-700):	_____	_____
10. Qualifying examination requirements:	_____	_____

11. Explain whether the proposed changes to the program (as described in numbers 1 through 10) involve courses offered by another department/program. Routing Signature Log must include approval by faculty of additional department(s).

_____

12. Other requirements not covered above:

_____

13. What is the rationale for the proposed changes? If the rationale involves accreditation requirements, please include specific references to those requirements.

Change 1. Decrease the minimum number of required statistics credits from 11 to 9.
Rationale: The current minimum 11 credit statistics requirement has resulted in students who had taken three 3-credit statistic courses (option A and option B under Q #7) needing to take 2 additional credits to meet the 11 credit minimum. This often required the student to take an independent study. Given that the three statistics course requirement can be met through a number of combinations including a 9 credit option, we are decreasing the minimum statistics credit requirement to 9 credits thereby reducing the degree requirement by 2 credits.

Replace the required elective statistics course with NUR794 as the required statistics courses.
Rationale: NUR 794, which currently is offered as an elective course in the College of Nursing, is an applied statistics course that addresses data analysis, interpretation, and presentation of data using statistical methods appropriate for nurse researchers. The course includes statistical analysis methods used by nurse researchers that are not taught in other courses on campus. The Graduate Faculty moved to make NUR 794 a required statistics course.

Change 2. Reduce the minimum required degree credits by an additional 3 credits for a total reduction of 5 credits including Change 1.

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Rationale: The College of Nursing is in the process of applying for approval of 'NUR 771 Research Experience' a new course in the PhD program that will formally place the required research experience in the curriculum. Currenlty the research experience is met by taking 3 independent study credits with a member of the faculty. It is very easy for students to miss the research experience requirement as it is not formally specificed in the curriculum and the independent study credits are used for other reasons. The PhD program is moving to create a course to meet this degree requirement. This new course can be waived by the student's advisory committee if the student has worked at least 135 hours in a research position while enrolled in the PhD program. Therefore, a number of students will not need to take the course and will be 3 credits short of degree requirements if the minimum credit requirement is not reduced by an additional 3 credits.

REQUEST TO CHANGE DOCTORAL DEGREE PROGRAM

Signature Routing Log

General Information:

Proposal Name: Change in number of required degree credits and required courses

Proposal Contact Person Name: Terry Lennie Phone: 3-6631 Email: tlennie@uky.edu

INSTRUCTIONS:
Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
PhD Curriculum Committee		Debra Moser / 3-6687 / dmoser@uky.edu	
Graduate Faculty		Terry Lennie / 3-6631 / tlennie@uky.edu	
Dean		Jane Kirschline / 3-4857 / janek@email.uky.edu	
		/ /	
		/ /	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision[3]
Undergraduate Council			
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

[3] Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

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Graduate Faculty	May 2009	Terry Lennie / 3-6631 / tlennie@uky.edu	
Dean	10/13/09	Jane Kirschline / 3-4857 / janek@email.uky.edu	
		/ /	
		/ /	

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Graduate Council			
Health Care Colleges Council	11/17/09		
Senate Council Approval		University Senate Approval	

Comments:

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University of Kentucky College of Nursing

NUR 794: Analysis, Interpretation, and Presentation of Quantitative Data, SPRING 2009

Course Description:

This course provides opportunities for skill development in the application of a variety of quantitative analyses strategies to existing datasets. Students will identify hypotheses and/or research questions, test them using appropriate statistical methods, and interpret the results of their secondary analyses. Students also will gain experience in the presentation of findings via narrative, tabular, and oral formats.

Credit: 3 semester hours

Location: CON 504

Time: 9:00 – 11:50 on Wednesdays

Prerequisites: STA 671 or equivalent and doctoral standing.

Faculty:
Terry A. Lennie
Associate Professor
529 CON
(859) 323-6631
tlennie@uky.edu

Course objectives: The student will:

1. Develop hypotheses and/or research questions for testing through secondary analysis of existing data.
2. Apply appropriate descriptive and inferential statistical methods in the analysis of existing data.
3. Interpret the findings from different analysis strategies.
4. Present results of statistical analyses in narrative, tabular, oral, and graphical forms.

Learning methods: Self-study, seminar/discussion, practice with analysis software and writing up findings, lecture

Course outline:

1. Development of research questions and hypotheses using secondary data.
2. Data management, including acquiring the data and dealing with missing data and outliers.
3. Approaches to descriptive/exploratory analysis of data—statistical and graphical.

4. Selecting appropriate analysis strategies for testing hypotheses and research questions—the relationships among hypotheses/research questions, research design, levels of measurement of variables, and analysis strategies.
5. Interpreting and reporting the results of statistical analyses in narrative, tabular, and visual formats.
6. Preparing findings for poster or visual presentation.

General course requirements and procedures:

It is necessary for you to have access to SPSS for Windows (v. 16 or higher) to complete your assignments. Some of the computers in the CON graduate student computing lab (501E HSLC) have SPSS, but this software is not necessarily on every machine. The *student full version* of SPSS called the SPSS Graduate Pack is available at a reduced cost to students (~ $200). The bookstore on campus typically carries this product, and it is available online (search for 'SPSS Graduate Pack').

Online resource is available to assist you with the basics of SPSS at http://www.uky.edu/ComputingCenter/SSTARS/. Click on *Short Courses and Demos* along the left side of the page.

You are required to do your own work in this course. Any written assignments that you turn in (as well as your PowerPoint presentation for your final project) should be the product of your effort alone. This does not prevent you from discussing assignments or your project with your colleagues that are currently taking the course. When discussing assignments or class topics with classmates, it is fine to collaborate for the purpose of clarity and increased understanding, but in the end you must submit your own work.

Teacher/Course evaluations

The University policy on faculty performance review requires that faculty obtain student evaluations of teaching for every course every semester. To meet this requirement, the College of Nursing uses web-based surveys on a confidential site for faculty and course evaluation. All students enrolled in this course are required to access the CoursEval website to fill out evaluations or to decline the opportunity within the designated time frame. Students who don't visit each survey available to them within the designated time will receive an incomplete in the course that will remain until the surveys are accessed. Students should take this opportunity to provide serious input regarding faculty performance and course evaluation. These evaluations are used by the College of Nursing to improve the curriculum and enhance faculty teaching. Evaluations are completely anonymous. The information is compiled and shared with individual faculty members and appropriate administrators only after final grades are submitted. To receive announcements about the evaluations, students must activate and use their UK email addresses. Forwarding UK email to an alternate address is not a viable option.

Evaluation:

Application assignments (6 @ 5 points each)	30 pts
Class participation in discussions	15 pts
Analysis project written report	35 pts
Oral presentation of analysis project (using PowerPoint)	15 pts
Peer critique	5 pts
Total points	100 pts

Letter grades for the course will be assigned according to the total number of points, with A = 90-100, B = 80-89, C = 70-79, D = 60-69 and F = 59 and below.

Analysis Project:

Develop an analysis project using an existing data set that uses one or more of the statistical analysis methods covered in this course. Include the following:

a. Purpose of the project. The purpose may or may not agree with the stated purpose of the original study but must be appropriate for the data available.
b. Specific Aims. Include research questions and/or hypotheses. These specific aims/research questions may or may not agree with the specific aims of the original study but must be appropriate for the data available and for the data analysis approach(es) you used in this project.
c. Background/rationale for the project. Provide sufficient background and significance for your study to support your specific aims and justify the importance of the project.
d. Method. Design, sample, and measures used to collect the existing data and data analysis section describing the analyses you performed for this project.
e. Results. Present your results in text and appropriately in a table(s) and/or figure(s)
f. Discussion. Interpret your results in the context of the information you provided in your background and significance.

Oral Presentation

Prepare a 12 minute PowerPower presentation that covers all aspects of your project. This should be in the format of an oral paper given at a research conference.

Peer feedback: The presentation will be followed by a 10 minute peer feedback/critique of the presentation in which all fellow classmates will be expected to provide feedback.

Required texts:

Cronk, B. C. (2008) *How to Use SPSS: A step by step guide to analysis and interpretation*, Fifth Edition. Pyrzcak Publishing.

Mertler, C. A. & Vannatta, R. A. (2005) *Advanced and Multivariate Statistical Methods*. Third Edition. Pyrzcak Publishing.

Course Schedule

January 14

Overview of the course; identifying dataset to use and research questions and/or hypotheses for testing; preparing datasets for analyses; discussion of proposal for project

January 21 No Class

Master the following basic SPSS skills: entering data, adding new cases, selecting cases, computing a new variable

Reading:

Cronk Chapters 1, & 2

January 28

Descriptive data analysis; dealing with missing data; preliminary data analysis screening

Reading:

Cronk: Chapter 3

Mertler & Vannatta: Chapter 1 & 3

Module 1: Data manipulation and descriptive statistics

February 4

Choosing appropriate data analysis method

Writing specific aims and research questions appropriate for analysis

Reading: Mertler & Vannatta: Chapter 2

Assignment 1 Due: Descriptive Data Analysis

February 11 No Class (SNRS)

February 18

Correlation

Nonparametric bivariate statistics

Reading: Cronk Chapter 5 p. 41-45
Chapter 7
Module 3: Nonparametric bivariate statistics

February 25

Confidence intervals and hypothesis testing; parametric bivariate statistics

Reading: Cronk Chapter 6 pg. 53-68
Mertler & Vannatta: Chapter 4 p. 67-70
Module 2: Confidence intervals, hypothesis testing, and parametric bivariate statistics

March 5

Multi-way ANOVA and ANCOVA

Reading: Mertler & Vannatta: Chapters 5 & 6

Assignment 2 due – Bivariate Analysis

March 11

Multiple regression

Reading:

Mertler & Vannatta: Chapter 7
Module 4: Multiple regression
Assignment 3 due – Multi-way ANOVA and ANCOVA

March 18 Spring Break (no class)

March 25
Logistic regression, sensitivity, and specificity
Reading: Mertler & Vannatta: Chapter 11
Assignment 4 due – Multiple Regression

April 1
Survival analysis
Reading: Module 7: Survival analysis
Assignment 5 due – Logistic Regression, Sensitivity, and Specificity

April 8
Preparing tables and figures; posters and PowerPoint presentations
Reading:
Cronk: Chapter 4
Module 8: Tables and figures suitable for publication
Assignment 6 due – Survival analysis

April 15
Student Requests
Course Summary/Review
Consultations on analysis projects as needed

April 22
Analysis project PowerPoint presentations

April 29
Analysis project PowerPoint presentations
Project report due