

APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR and MINOR

1. Submitted by the College of Public Health Date: 06/30/09
 Department/Division offering course: Health Services Management

2. What type of change is being proposed? Major Minor*

*See the description at the end of this form regarding what constitutes a minor change. Minor changes are sent directly from the dean of the college to the Chair of the Senate Council. If the Senate Council chair deems the change not to be minor, the form will be sent to the appropriate Council for normal processing and an email notification will be sent to the contact person.

3. Current Distance Learning (DL) status: N/A Already approved for DL[†] Please Add Please Drop
 If ADDING, check one of the methods below that reflects how the majority of the course content will be delivered.
 Internet/Web-based Interactive Video Extended Campus

[†]If already approved for DL, a new Distance Learning Form must be submitted with this form unless the department affirms (by checking this box) that the proposed course changes will not affect DL delivery.

PROPOSED CHANGES

Please complete all "Current" fields.
 Fill out the "Proposed" field only for items being changed. Enter N/A if not changing.
 Circle the number for each item(s) being changed. For example: (6.)

4. Current prefix & number: HA 621 Proposed prefix & number: HA 621

5. Current Title: Quantitative Methods of Research
 Proposed Title[†]: Quantitative Methods of Research
[†]If title is longer than 24 characters, offer a sensible title of 24 characters or less: Quantitative Methods

6. Current number of credit hours: 3 Proposed number of credit hours: 3

7. Currently, is this course repeatable? YES NO If YES, current maximum credit hours: _____
 Proposed to be repeatable? YES NO If YES, proposed maximum credit hours: _____

8. Current grading system: Letter (A, B, C, etc.) Pass/Fail
 Proposed grading system: Letter (A, B, C, etc.) Pass/Fail

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

Current:

CLINICAL COLLOQUIUM DISCUSSION LABORATORY 3 LECTURE
 INDEPEND. STUDY PRACTICUM RECITATION RESEARCH RESIDENCY
 SEMINAR STUDIO OTHER - Please explain: _____

Proposed:

CLINICAL COLLOQUIUM DISCUSSION LABORATORY 3 LECTURE
 INDEPEND. STUDY PRACTICUM RECITATION RESEARCH RESIDENCY
 SEMINAR STUDIO OTHER - Please explain: _____

10. Requested effective date (term/year): Fall / 2009

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11. Supplementary teaching component: N/A Community-Based Experience Service Learning Both
Proposed supplementary teaching component: Community-Based Experience Service Learning Both

12. Cross-listing: N/A or PA 621 /

	Current Prefix & Number	printed name	Current Cross-listing Department Chair	signature
a. <i>Proposed - REMOVE current cross-listing:</i> <input type="checkbox"/>		printed name	Current Cross-listing Department Chair	signature
b. <i>Proposed - ADD cross-listing:</i>	Prefix & Number	printed name	Proposed Cross-listing Department Chair	signature

13. Current prerequisites:

MHA program admission or consent of instructor

Proposed prerequisites:

Same

14. Current Bulletin description:

A survey of behavioral science research methods for the public administrator. Emphasis is placed upon problem selection and identification, research design, and data analytic techniques. Lecture, two hours; laboratory, one hour per week. Prereq: MPA or MHA

Proposed Bulletin description:

Same

15. What has prompted this change?

MHA moved to College of Public Health

16. If there are to be significant changes in the content or teaching objectives of this course, indicate changes:

17. Please list any other department that could be affected by the proposed change:

18. Will changing this course change the degree requirements for ANY program on campus? YES NO
 If YES[†], list below the programs that require this course:

[†]In order for the course change to be considered, program change form(s) for the programs above must also be submitted.

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19. Is this course currently included in the University Studies Program? Yes No

20. Check box if changed to 400G or 500. If changed to 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)

21. Within the department, who should be contacted for further information on the proposed course change?

Name: Julia F. Costich Phone: 7-6712 Email: julia.costich@uky.edu

22. Signatures to report approvals:

5/27/09
DATE of Approval by
Department Faculty

JULIA F. COSTICH / Julia F. Costich
printed name Reported by Department Chair signature

5/29/09
DATE of Approval by College
Faculty

Stephen W. Wyatt / [Signature]
printed name Reported by College Dean signature

*DATE of Approval by
Undergraduate Council

/
printed name Reported by Undergraduate Council Chair signature

*DATE of Approval by Graduate
Council

/
printed name Reported by Graduate Council Chair signature

*DATE of Approval by Health
Care Colleges Council (HCCC)

/
printed name Reported by Health Care Colleges Council Chair signature

*DATE of Approval by Senate
Council

/
Reported by Office of the Senate Council

*DATE of Approval by the
University Senate

/
Reported by the Office of the Senate Council

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

Excerpt from *University Senate Rules*:

SR 3.3.0.G.2: **Definition.** A request may be considered a minor change if it meets one of the following criteria:

- a. change in number within the same hundred series;
- b. editorial change in the course title or description which does not imply change in content or emphasis;
- c. a change in prerequisite(s) which does not imply change in content or emphasis, or which is made necessary by the elimination or significant alteration of the prerequisite(s);
- d. a cross-listing of a course under conditions set forth in SR 3.3.0.E;
- e. correction of typographical errors.

University of Kentucky
HA / PA 621: Quantitative Analysis Section 001
Fall 2008

Day/Time: Tuesday & Thursday 4:30 -5:45 p.m.

Place: W.T. Young Library, Room B-35

Instructor: Tokunbo Oluwole, PhD

Contact Information:

Office: 429 Patterson Office Tower

Phone: 859.257. 8608

Email: aoluw2@uky.edu

Office Hours: Tues 10:00.-11 a.m.; Wed 4:00 – 5:00 p.m. and by appointment

Required Text:

Statistics for Managers Using Microsoft Excel 5e. 2008. Levine, Stephan, Krehbiel, and Berenson. Upper Saddle River, NJ: Prentice Hall.

Purpose of Course:

This course is designed to provide graduate students with an understanding descriptive and inferential statistics. The primary emphasis is on the concepts and application of basic statistical and econometric methods to traditional subjects such as accounting, economics, finance, and management.

Objectives:

- To present students a broad overview of statistics and statistical applications.
- To provide students with the skills needed to collect and prepare information for presentation, complete descriptive analysis, summarization, inferential analysis, and interpretation of statistical models.
- To provide students with an understanding of the characteristics of numerical data and their corresponding descriptive and inferential measures as an aid to data analysis and interpretation.
- To provide students with an understanding of the basic concepts of the linear regression model.
- To help students develop proficiency with statistical computer software packages and data organizing tools such as EXCEL, SAS and other relevant packages.

Exit Competencies:

Upon completion of the course the student should understand the following concepts/methods:

Population and sample, parameter and statistic, levels of measurement, discrete versus continuous data, construct frequency and percentage distributions, draw histograms and polygons, use statistical packages for data analysis, interpret differences among measures of central tendency, a discrete probability distribution, normal distribution, interpretation of confidence intervals, hypothesis testing, and regression analysis.

Point Distribution – Exams, Homework, Lab Work:

Exams

There will be two examinations over the assigned material. The first exam is worth 20 points and the second 30 points. The exams, which will be cumulative, will be similar in format to the homework assignments and lab work we do in class.

Homework

Problems from the chapters will be assigned for each week. These homework assignments will be graded and are worth a total of 25 points. Group work is encouraged, but students should NOT simply copy assignments. Completing the assignments helps your understanding of the material, and the examination questions will be VERY similar to the chapter problems. Assignments will be submitted at the beginning of class period on the due date. If assignments are turned in late, but turned in by the next class period, they lose half their grading value. Assignments turned in one week or more past the due date will not be graded.

Group Project

Students will work in small groups on a computer project cleared by the instructor. This group project is worth a total of 25 points. This project will be due near the end of the semester and groups may present their results to the class. More information will be given about the group project during the semester.

Summary:

There are a total of 100 points in the class:

A = 90-100 points; B = 80-89 points; C = 70-79 points; F = 69 points or less

Grading Policy and Academic Honesty:

Grading Policy

To be fair to all of the students in the class, I must insist that the following exam policies be followed. There will be no make-up exams. Special exam times will be arranged only for a student with *substantive and unavoidable reasons* for missing the regular time.

Anyone who must miss an exam should notify me as soon as possible, but at least three days before the scheduled exam time. The only exceptions to this rule will be a verified, serious illness or serious family emergency. Even in this case, students should notify me of the illness *prior to the exam*.

I cannot postpone exams because of deadlines or exam dates in other courses. Such actions would not be fair to other students in the class who likely also face pressure from work in other classes but take the exams at the scheduled time anyway.

BLACKBOARD

All students with *active directory* accounts will be automatically enrolled in the Blackboard system. Blackboard at <http://elearning.uky.edu/> is a web-based system that allows you to correspond with faculty, get class handouts, and check your grades. I will also use this system to communicate with you regarding announcements and course assignments. You should activate your account immediately if you have not already done so! If your UK email account is not your primary email address, you can have your mail forwarded automatically to your primary account.

All students should check their e-mail at least once a week throughout the term.

This is your responsibility! Blackboard can be accessed through any Internet service or the various computer labs on campus. Please inform your instructor if you have trouble getting onto the Blackboard system.

Academic and Professional Honesty

All participants in the class are expected to adhere to the highest standards of academic and professional honesty. Academic honesty is fundamental to the activities and principles of a university. All members of the academic community must be confident that each person's work has been responsibly and honorably prepared, developed, and presented. You can find the UK Statement of Student Rights and Responsibilities at <http://www.uky.edu/StudentAffairs/code/>.

Class Schedule

Tues/Thurs	Material Covered
08/28	Introduction: Preview of Chapter 1.
09/02 & 09/04	Chapter 1: Introduction to Statistics & Data Collection Chapter 2: Tabular and Graphical Data Representation
09/09 & 09/11	Chapter 3: Numerical Descriptive Measures
09/16 & 09/18	Chapter 4: Basic Probability
09/23 & 09/25	Chapter 5: Selected Discrete Probability Distributions
09/30 & 10/02	Chapter 6: The Normal Distribution (and others)
10/07 & 10/09	First Exam on 10/09 Chapter 7: Sampling and Sampling Distributions
10/14 & 10/16	Chapter 8: Estimating Confidence Interval
10/21 & 10/23	Chapter 9: Hypothesis Testing
10/25 & 10/30	Chapter 10: Two-Sample Tests
11/04* & 11/06	Chapter 11: Analysis of Variance
11/11 & 11/13	Second Exam on 11/13
11/18 & 11/20	Chapter 12: Chi-Square Tests and Non-Parametric Tests
11/25 & 11/27*	Chapter 13: Simple Linear Regression
12/02 & 12/04	Chapter 14: Introduction to Multiple Regression
12/09 & 12/11	Final Project Due on 12/11. Reviews and wrap-up.
12/15 – 12/19	Examination week

Note that this is a preliminary schedule and I reserve the right to make any necessary changes.

* **No class on 11/04 and 11/27: Academic holidays.**