

**UNIVERSITY OF KENTUCKY**  
**APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR**

1. Submitted by College of Agriculture Date 9-20-07  
Department/Division offering course Merchandising, Apparel and Textiles
2. Changes proposed:  
(a) Present prefix & number DMT 600 Proposed prefix & number MAT 600  
(b) Present Title Research Methodology in Human Environmental Sciences  
New Title Same title  
(c) If course title is changed and exceeds 24 characters (Including spaces), include a sensible title (not to exceed 24 characters) for use on transcripts:  
\_\_\_\_\_  
(d) Present credits: 3 Proposed credits: 3  
(e) Current lecture: laboratory ratio \_\_\_\_\_ Proposed: \_\_\_\_\_  
(f) Effective Date of Change: (Semester & Year) Fall, 2008
3. To be Cross-listed as: HES 600  
Prefix and Number \_\_\_\_\_ Signature: Department Chair \_\_\_\_\_
4. Proposed change in Bulletin description:  
(a) Present description (including prerequisite(s):  
Students will study scientific techniques and accepted research methodologies in human environmental science research. Emphasis is placed on understanding the research process and developing the skills necessary to evaluate and implement research methods and design procedures.  
\_\_\_\_\_  
\_\_\_\_\_  
(b) New description:  
Same  
\_\_\_\_\_  
\_\_\_\_\_  
(c) Prerequisite(s) for course as changed: Same: Graduate standing
5. What has prompted this proposal?  
Proposed split with ID at graduate level  
\_\_\_\_\_
6. If there are to be significant changes in the content or teaching objectives of this course, indicate changes:  
None  
\_\_\_\_\_  
\_\_\_\_\_
7. What other departments could be affected by the proposed change?  
Interior Design/College of Design  
\_\_\_\_\_
8. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky?  Yes  No
9. Will changing this course change the degree requirements in one or more programs?  Yes  No  
**If yes, please attach an explanation of the change. (NOTE – If “yes,” program change form must also be submitted.)**
10. Is this course currently included in the University Studies Program?  Yes  No  
**If yes, please attach correspondence indicating concurrence of the University Studies Committee.**

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11. If the course is 400G or 500 level, include syllabi or course statement showing differentiation for undergraduate and graduate students in assignments, grading criteria, and grading scales. Check here if 400G-500.

12. Is this a minor change?  Yes  No  
 (NOTE: See the description on this form of 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 latter deems the change not to be minor, it will be sent to the appropriate Council for normal processing.)

13. Within the Department, who should be consulted for further information on the proposed course change?

Name: Susan Michelman Phone Extension: 7-9132

**Signatures of Approval:**


August 29, 2007

  
 Susan O. Michelman

Date of Approval by Department Faculty

Reported by Department Chair

*Nov 2, 2007*

  
 Reported by College Dean

Date of Approval by College Faculty

\*Date of Approval by Undergraduate Council

Reported by Undergraduate Council Chair

\*Date of Approval by Graduate Council

Reported by Graduate Council Chair

\*Date of Approval by Health Care Colleges Council (HCCC)

Reported by HCCC Chair

\*Date of Approval by Senate Council

Reported by Senate Council Office

\*Date of Approval by University Senate

Reported by Senate Council Office

\*If applicable, as provided by the Rules of the University Senate.

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The Minor Change route for courses is provided as a mechanism to make changes in existing courses and is limited to one or more of the following:

- a. change in number within the same hundred series;
- b. editorial change in description which does not imply change in content or emphasis;
- c. editorial change in title which does not imply change in content or emphasis;
- d. change in prerequisite which does not imply change in content or emphasis;
- e. cross-listing of courses under conditions set forth in item 3.0;
- f. correction of typographical errors. [University Senate Rules, Section III - 3.1]

**DMT 600**  
**Research Methodology in**  
**Human Environmental Sciences**  
**Fall 2007**

Vanessa Prier Jackson, Ph.D. Instructor:  
315C Erikson Hall  
Phone: 257-7776  
E-Mail: [vpjackson@uky.edu](mailto:vpjackson@uky.edu)  
Office Hours: Monday & Wednesday 10 – 11  
& available by appointment.

**Course Description:** A study of scientific methods and research design in Human Environmental Sciences. Topics include: understanding the research process, critiquing research articles, reviewing ethics related to developing and reporting research information, reviewing the types of research, developing a research proposal, and understanding the importance of accurate data analysis.

**Required Textbooks:**

Graduate School Thesis Handbook, UK Graduate School Office or online.

Locke, L. F., Silverman, S. J., Spirduso, W. W. (2004, 2<sup>nd</sup> Edition), Sage Publications: Thousand Oaks, California.

Punch, Keith F. (2006, 2<sup>nd</sup> Edition). Developing Effective Research Proposals. Sage Publications: London.

**Recommended:**

Einspruch, E. L. (2005). An Introductory Guide to SPSS for Windows, Sage Publications: Thousand Oaks, California.

Publication Manual of the American Psychological Association (latest addition). Washington, DC.

**Objectives of Course:**

1. Describe elements of scientific methods
2. Become aware of ethical principles applicable to research, including federal and university regulations governing use of human and animal subjects.
3. For each of the research methods discussed in class, recognize
  - a. major characteristics and appropriate applicability,

- b. standard terminology employed with, and
- c. strengths and weaknesses of the methods.
- 4. Discuss methods of reading and explaining research articles.
- 5. Describe how to use a style guide for theses.

**By the end of the course, students should be able to:**

- Apply knowledge gained related to types of research methods to the development of a research proposal
- Apply knowledge obtained to develop a research proposal and/or thesis.
- Identify previous literature related to a topic of interest
- Prepare a thesis according to a style guide
- Abstract and critique research articles in Merchandising, Apparel and Textiles.
- Describe the ethical issues related to research development.

**Synthesis and Evaluations:**

Research Project	100
Present Research Projects to class	50
Critique research articles (4@50)	200
Complete University Human Subject Protection Training	100
Exams (2@ 100)	200
Attendance & Class Participation	50
<b>TOTAL POSSIBLE POINTS</b>	<b>700</b>

**Grading Scale:**

90 – 100%	A
80 – 89	B
70 – 79	C

**PERFORMANCE STANDARDS: THIS IS A GRADUATE CLASS.** You are required to attend all class meetings as scheduled. Grades will be adjusted according to university policy for absences. Your work speaks of you. Please take the time to complete all work and turn in as scheduled. Assignments are due on the day scheduled at the end of class. Twenty (20) points will be deducted for each day it is late.