

# APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR and MINOR

1. Submitted by the College of \_\_\_\_\_ Date: \_\_\_\_\_

Department/Division offering course: \_\_\_\_\_

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.

## 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.)

3. Current prefix & number: \_\_\_\_\_ Proposed prefix & number: \_\_\_\_\_

4. Current Title \_\_\_\_\_

Proposed Title<sup>†</sup> \_\_\_\_\_

<sup>†</sup>If title is longer than 24 characters (including spaces), write a sensible title (24 characters or less) for use on transcripts:

\_\_\_\_\_

5. Current number of credit hours: \_\_\_\_\_ Proposed number of credit hours: \_\_\_\_\_

6. 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: \_\_\_\_\_

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

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

8. 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.

Current:

( ) CLINICAL ( ) COLLOQUIUM ( ) DISCUSSION ( ) LABORATORY ( ) LECTURE

( ) INDEPEND. STUDY ( ) PRACTICUM ( ) RECITATION ( ) RESEARCH ( ) RESIDENCY

( ) SEMINAR ( ) STUDIO ( ) OTHER – Please explain: \_\_\_\_\_

Proposed:

( ) CLINICAL ( ) COLLOQUIUM ( ) DISCUSSION ( ) LABORATORY ( ) LECTURE

( ) INDEPEND. STUDY ( ) PRACTICUM ( ) RECITATION ( ) RESEARCH ( ) RESIDENCY

( ) SEMINAR ( ) STUDIO ( ) OTHER – Please explain: \_\_\_\_\_

9. Requested effective date (term/year): \_\_\_\_\_ / \_\_\_\_\_

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10. Current teaching method:  N/A  Community-Based Experience  Service Learning Component  Both

Proposed teaching method (if applicable):  Community-Based Experience  Service Learning Component  Both

11. Current cross-listing:  N/A \_\_\_\_\_  
Prefix and Number NAME of current cross-listing DEPARTMENT

a. Proposed – REMOVE the current cross-listing:

b. Proposed – ADD a cross-listing: \_\_\_\_\_  
Prefix and Number Signature of chair of proposed cross-listing department

12. Current prerequisites:  
\_\_\_\_\_  
\_\_\_\_\_

Proposed prerequisites:  
\_\_\_\_\_  
\_\_\_\_\_

13. Current Bulletin description:  
\_\_\_\_\_  
\_\_\_\_\_

Proposed Bulletin description:  
\_\_\_\_\_  
\_\_\_\_\_

14. What has prompted this change?  
\_\_\_\_\_  
\_\_\_\_\_

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

16. Please list any other department that could be affected by the proposed change:  
\_\_\_\_\_

17. Will changing this course change the degree requirements for ANY program on campus?  YES  NO  
If YES<sup>‡</sup>, list below the programs that require this course:

\_\_\_\_\_

<sup>‡</sup>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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18. Is this course currently included in the University Studies Program?  Yes  No

19.  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*)

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

Name: \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_

21. Signatures to report approvals:

DATE of Approval by Department Faculty	printed name	/	Reported by Department Chair	signature
				
DATE of Approval by College Faculty	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*.

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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.

**Course Syllabus**  
**FOR 250**  
**Statistics and Measurements I**

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**Class Period**

Lecture: 2 hours per week

Lab: 2 hours per week

**Instructor**

Dr. Paul Kalisz

Room 102 T.P. Cooper Building

859-257-7606

[pkalisz@uky.edu](mailto:pkalisz@uky.edu)

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**COURSE OVERVIEW**

**Course Description**

The application of statistical concepts, computations, and software to forestry sampling and inventory problems. Land, individual tree and timber stand measurement techniques will be covered as will the design and implementation of sampling systems to derive information necessary to meet landowner objectives. *Prerequisites: MA 109 or Calculus, FOR 100, and FOR 200.*

**Student Learning Outcomes**

At the end of this course, the student will be able to demonstrate the following skills.

1. Apply basic statistical concepts to analyze and solve a given problem.
2. When given a particular scenario, you will be able to use basic statistical software programs to input the data and solve the problem.
3. While in the field, you will be able to take land and standing tree measurements using a compass, prism, d-tape, global positioning system, Biltmore stick, and increment borer. Using these tools, you will be able to take land measurements to measure distances and determine area, and take standing tree measurements to determine height, form expressions, crowns, age, volume, and weights.
4. For a given field site, you will be able to design and conduct a timber inventory that meets specific landowner objectives. You will be able to apply sampling theory and design concepts to ensure appropriate sampling methods and units of measurement are used when designing and conducting the timber inventory.

5. When given wood product data, including specialty wood products, you will be able to calculate the weight, volume, and cost of the wood product and, as needed, apply log rules to determine volume.
6. Explain the basic concepts of site, stocking, and density.
7. Explain the basic concepts of growth and yield models.

## **Grading Procedures – Assignments, Grading Criteria, Letter Grades**

Assignments, quizzes, problems - 40%

Three written tests - 25%

Field projects (on campus) – 20%

Final Exam – 15%

### Letter Grades

A:  $\geq 90\%$

B:  $\geq 80\%$  and  $< 90\%$

C:  $\geq 70\%$  and  $< 80\%$

D:  $\geq 60\%$  and  $< 70\%$

E:  $< 60\%$

## **Course Outline**

Week 1 – Statistics

Week 2 – Statistics (cont.)

Week 3 – Statistics (cont.)

Week 4 – Sampling

Week 5 - Land area measurements

Week 6 – Wood product volume and mass

Week 7 – Log rules and specialty products

Week 8 – Measurement of standing trees

Week 9 - Standing tree volume, mass, and quality

Week 10 – Inventory

Week 11 – Inventory (cont.)

Week 12 – Site quality, stocking and density

Week 13 – Site quality, stocking and density (cont.)

## **COURSE POLICIES**

### **Attendance and Excused Absences**

Attendance is mandatory - 1% will be deducted from your final grade for each unexcused absence.

### **Academic Integrity, Cheating and Plagiarism**

Cheating of any form, including plagiarism, will not be tolerated. Cheating will be dealt with in accordance with University regulations. (See <http://www.uky.edu/StudentAffairs/Code/>)

### **Professional Preparation**

This course helps prepare you for your professional career. You are expected to attend class, be on time, participate in class discussions, and be respectful of your instructor and fellow classmates.

### **Disability Statement**

Students with a disability that need classroom or exam accommodations should contact the Disability Resource Center, 257-2754, room 2 Alumni Gym, [jkarnes@uky.edu](mailto:jkarnes@uky.edu) .