

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[†] _____

[†]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[‡], 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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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	/	<div style="display: flex; justify-content: space-between;"> printed name Reported by Department Chair signature </div> <div style="text-align: right; margin-top: 10px;"> </div>
DATE of Approval by College Faculty	/	<div style="display: flex; justify-content: space-between;"> printed name Reported by College Dean signature </div>
*DATE of Approval by Undergraduate Council	/	<div style="display: flex; justify-content: space-between;"> printed name Reported by Undergraduate Council Chair signature </div>
*DATE of Approval by Graduate Council	/	<div style="display: flex; justify-content: space-between;"> printed name Reported by Graduate Council Chair signature </div>
*DATE of Approval by Health Care Colleges Council (HCCC)	/	<div style="display: flex; justify-content: space-between;"> printed name Reported by Health Care Colleges Council Chair signature </div>
*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*.

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 425
Forest Management

Class Period

Lecture: 3 hours per week

Lab: 3 hours per week

Instructor

Dr. Tamara Cushing

Room 104 T.P. Cooper Building

859-257-2149

tamara.cushing@uky.edu

COURSE OVERVIEW

Course Description

The principles of sustained yield forest management, management objectives, forest regulation, allowable cut, and timing of timber harvests. Students will identify management objectives for various properties and ownership types and integrate scientific knowledge and both timber and non-timber considerations with landowner objectives to derive management decisions.

Laboratory, three hours per week. *Prerequisites: Completion of the Field Semester or consent of instructor.*

Student Learning Outcomes

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

1. Apply concepts such as growth and yield, mean annual increment, periodic annual increment, and site quality to forest management decisions.
2. When given a field site, you will use global positioning systems and geographic information systems to create a stand map consisting of various map layers including tree and wildlife layers.
3. When given a field site, you will be able determine what timber needs to be cut, how much should be cut, and when the cutting should occur. You will be able to describe forest regulation terms such as growing stock, annual harvest, volume control, area control, and equivalence acres and perform calculations using these concepts.
4. When preparing a forest management plan, you will be able to identify management objectives for various properties and ownership types and integrate scientific knowledge with landowner objectives.

5. When given data, you will be able to use linear programming to determine harvest scheduling and rotation.
6. Apply non-timber considerations such as wildlife, water quality, and recreation to forest management decisions.
7. Identify the key components of a forest management plan and explain how to prepare a professional forest management plan.
8. Integrate financial analysis into forest management decisions.

Grading Procedures – Assignments, Grading Criteria, Letter Grades

Quizzes	20%
Assignments	15%
Lab Write-Up	10%
Exams (2)	30%
Final	25%

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 – Introduction to Forest Management
- Week 2 – Land Classification
- Week 3 – Silvicultural Systems and Stand Prescriptions
- Week 4 – Growth and Yield Concepts
- Week 5 – Determination of Optimal Rotation Age
- Week 6 – Stand Level Management Planning
- Week 7 – Forest Regulation
- Week 8 – Forest Regulation
- Week 9 – Linear Programming
- Week 10 – Linear Programming
- Week 11 – Decision Analysis

Week 12 – Decision Analysis

Week 13 – Managing for Non-Timber Objectives

Week 14 – Management Plans

COURSE POLICIES

Attendance and Excused Absences

Attending lectures is expected of all students. Skipping class is not acting in your best interest. Weekly quizzes will be given. Make-up exams and quizzes will be given only to students who miss an exam as a result of excused absences. In all other circumstances, a grade of 0 (zero) will result for the missed exam or quiz.

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 .