



P2-21

THE FACULTY SENATE

January 31, 2012

MEMORANDUM

TO: Dr. R. Bowen Loftin, President

FROM: Michael Benedik, Speaker *M. Benedik*

SUBJECT: Approval of Undergraduate Curriculum Committee Item (FS.29.127)

At its regular meeting on January 23, 2012, the Faculty Senate approved the following curriculum item from the Undergraduate Curriculum Committee. The Faculty Senate submits it for your approval. Attached is a copy of the material sent to our Senators.

UNDERGRADUATE CURRICULUM COMMITTEE
Special Consideration
College of Agriculture and Life Sciences
 Department of Ecosystem Science and Management
 Watershed Certificate – requirement changes

Thank you for your time and consideration. Please inform me of your action on this matter.

Attachment

cc: Karan Watson
 Pamela Matthews
 Antonio Cepeda-Benito
 Sandra Williams
 Mark Hussey

Approved: Reviewed:

R. Bowen Loftin

4/6/12

R. Bowen Loftin, President

Date

17. Special Consideration

College of Agriculture and Life Sciences
Department of Ecosystem Science and Management
Watershed Certificate – requirement changes



H48



COLLEGE OF AGRICULTURE
AND LIFE SCIENCES
DEPARTMENT OF ECOSYSTEM
SCIENCE AND MANAGEMENT

September 6, 2011

To: Robert Knight, Chair UCC *Robert Knight*
Though: Kim Dooley, COALS AOC Dean *Kim Dooley*
To: Robert Knight, Chair UPC *Robert Knight*
From: Mort Kothmann, ESSM Undergraduate Associate Department Head *Mort Kothmann*
Subject: Changes in minors and Watershed Certificate

This is a request to change the Rangeland Ecology and Management Minor, ~~Forest Science~~ FORESTRY Minor and Watershed certificate effective for catalog 2012-2013. These changes are required by the change in curriculum in the degrees in Ecosystem Science and Management, changes in prerequisites in supporting courses and deletion of supporting courses.

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Catalog 2012-2013
Proposed Changes to the
Watershed Certificate

The reasons for the changes are: prerequisites and titles have changed, courses are no longer being taught and new courses are being offered.

Required Courses (13 hrs required)

ESSM 301: Wildland Watershed Management

ESSM 305: Watershed Analysis and Planning

GEOG 434: Hydrology and Environment

GEOL 410: Hydrogeology

Suggested Electives: (Select 6 hrs) Check each course for required prerequisites.

ATMO 201: Atmospheric Science

BESC 320: Water and the Environment and Society

BESC 403: Sampling and Environ. Monitoring

ESSM 311: Biogeochemistry and Global Change

ESSM 440: Wetland Delineation

GEOG 324: Global Climate Regions

GEOG 331: Geomorphology

GEOG 361: Remote Sensing in Geosciences

GEOG 370: Coastal Processes

GEOG 400: Arid Lands Geomorphology

GEOL 410: Hydrogeology

GEOL 420: Environmental Geology

RENr 444: Remote Sensing

RENr 470: Environmental Impact Assessment

SCSC 301: Soil Science

WFSC 414: Ecology of Lakes and Rivers

WFSC 428: Wetland Ecosystems Management