

EASTERN ILLINOIS UNIVERSITY

M e m o r a n d u m

COLLEGE OF SCIENCES

Old Main, Room 2118
Dean 581-3328 whornes@eiu.edu
Associate Dean 581-3328 gcobia@eiu.edu
Assistant to the Dean 581-5822 ajlynch@eiu.edu

TO: Dr. Robert Augustine, Dean
FROM: Dr. W. Harold Ornes, Dean
DATE: April 18, 2014
RE: Executive Action Taken at the College of Sciences Curriculum Committee Meeting of April 18, 2014

The following was approved by executive action at the College of Sciences Curriculum Committee meeting on April 18, 2014 to be effective Fall 2014. I ask that similar action be taken at the Council on Graduate Studies..

REQUEST: Revise the prerequisites for BIO 4820 - Spatial Analysis for Environmental Sciences and BIO 4840 - Resource Management and Environmental Assessment to remove the prerequisite of BIO 3800 – Ecology.

Rationale for change:

Both courses have been added to the PSM in GISci curriculum and as such, none of the students will have this prerequisite. The original prerequisite was put on to ensure that only upper class students would enroll. This was at a time when primarily BIO students took the course and having Ecology as a prerequisite would ensure this. In retrospect this was not needed since they are 4000 level courses.

Effective Year/Term:

Fall 2014

Current Catalog

BIO 4820 - Spatial Analysis for Environmental Sciences.

(3-3-4) F. An introduction to how spatial data are synthesized and interpreted in the environmental sciences. The course will focus on interpretation of remotely sensed data, point pattern analysis, and digital elevation models. Students will become familiar using appropriate software such as Geographic Information Systems (GIS), statistical and modeling software.

Prerequisites & Notes: BIO 3800 or permission of the instructor.

Credits: 4

BIO 4840 - Resource Management and Environmental Assessment

(2-3-3) S. This course will explore the concepts in natural resource management including data acquisition and how environmental regulations are used in integrated ecological assessments at the federal and state level.

Prerequisites & Notes: BIO 3800 or permission of the instructor.

Credits: 3

Proposed Catalog (changes shown in red or ~~strikeout~~)

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