

**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: Dean Augustine  
FROM: W. Harold Ornes, Dean  
DATE: September 14, 2012  
RE: Executive Action Taken at the College of Sciences Curriculum Committee Meeting of September 14, 2012

The following was approved by executive action at the College of Sciences Curriculum Committee meeting on September 14, 2012 to be effective Spring 2013. I ask that similar action be taken at the Council on Graduate Studies.

**Requested Change:** To revise the title of MAT 5410 from “Introduction to Research in Mathematics Education” to “Action Research in Mathematics” and to add a prerequisite of MAT 5409 “Teachers as Researchers in Mathematics Education.”

**Current Course Catalog Listing:**

MAT 5410 - Introduction to Research in Mathematics Education.

(3-0-3) This course provides experiences in defining problems and in using research techniques to apply, interpret, and evaluate research specific to mathematics education.

**Prerequisites & Notes**

Eight semester hours of coursework in the degree program.

Credits: 3

**Proposed Course Catalog Listing:**

MAT 5410 - **Action Research in Mathematics Education.**

(3-0-3) This course provides experiences in defining problems and in using research techniques to apply, interpret, and evaluate research specific to mathematics education.

**Prerequisites & Notes**

**MAT 5409 and** eight semester hours of coursework in the degree program.

Credits: 3

**Rationale for change:** This request is dependent on the approval of a New Course Proposal for MAT 5409, which is designed as a 1 hour on-line course centered around readings that provide a background on “Action Research” in mathematics education. With this required preparation, MAT 5410 can cover its material more deeply. Course outline for MAT 5410 include the same topics. The course will spend much less time on introductory material and more on the design of research projects. With MAT 5409 introducing action research, the title “Introduction to Research in Mathematics Education” will no longer be appropriate for MAT 5410.

**Effective Year/Term:** Summer 2013.