College of Liberal Arts
& Sciences
EASTERN ILLINOIS UNIVERSITY™

MEMORANDUM

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To:　Melissa Jones-Bromenshenkel, Chair, CGS
From:　Michael Cornebise, Interim Associate Dean, CLAS
Date:　February 14, 2019
RE:　Executive Action Taken at the CLAS Curriculum Committee Meeting on Feb 13, 2019

The following request was approved by executive action at the CLAS Sciences Curriculum Committee meeting on February 13, 2019. The request would be effective Fall 2019. I ask that similar action be taken at the Council on Graduate Studies.

Requested Change:
Change the prerequisite for MAT 4760 – Linear Algebra, by removing MAT 2550.

Rationale for change:
The department currently offers two courses in linear algebra- an introductory and somewhat applied course and the other is a more formal non-application based course. When we offered two concentrations in our B.A. degree in mathematics we required both Linear Algebra courses because it helped fill out the required 2000 level courses for the original set of core courses. Additionally, it was the only Linear Algebra experience required for the applied math concentration. The MAT 4760 allowed students in the pure concentration to revisit Linear Algebra a second time and see it from a more formal perspective. By combining our pure and applied degree concentrations, there is only a need for one Linear Algebra course and MAT 4760 better fits the needs of this combined degree. The MAT 2550 will continue to be offered for Computer Science and Math for Teacher Licensure students.

Change
Current Catalog Listing for MAT 4760

MAT 4760 - Linear Algebra.
(4-0-4) F. Vector spaces, linear transformations, dual spaces, invariant direct sum decompositions, Jordan form, inner product spaces.
Prerequisites & Notes:
MAT 2550 and 3530.

Credits: 4

Proposed Catalog Listing for MAT 4760

MAT 4760 - Linear Algebra.
(4-0-4) F. Vector spaces, linear transformations, dual spaces, invariant direct sum decompositions, Jordan form, inner product spaces.
Prerequisites & Notes:
MAT ~~2550 and~~ 3530.

Credits: 4

Effective Year/Term: Fall 2019