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MEMORANDUM

TO: Marsha Daly, Academic Program Management

FROM: Latha Ramchand, Associate Dean, Bauer College of Business 

DATE: September 18, 2008

RE: Recommendation for Undergraduate Council Regarding the MIS Minor

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The Bauer College of Business recommends that Undergraduate Council approve the following changes to the MIS minor.

Current Requirements: Currently, a non-business major seeking to minor in management information systems must (a) meet the same grade point average requirements as students changing their major to pre-business at the time of filing for a minor, and (b) satisfy the following three prerequisites:

Prerequisites:

ACCT 2331: Accounting Principles I – Financial

ACCT 2332: Accounting Principles II – Managerial

MIS 3300: Introduction to Computers and Management Information Systems

or

COSC 2410: Computer Organization and Programming

In addition, the MIS minor requires a student to take the following five courses. (Note the required courses differ slightly for Computer Science majors.)

Required Courses:

MIS 3370: Information Systems Development Tools

MIS 3371: Transactions Processing Systems I

MIS 3376: Business Database Management Systems

MIS 3380: Systems Analysis and Design

MIS 4374: Information Technology Project Management

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Required Courses For Computer Sciences Majors:

MIS 3371: Transactions Processing Systems I  
MIS 4374: Information Technology Project Management  
MIS 4379: Business Systems Consulting  
and a minimum of six hours from:  
MIS 4371: Interactive Systems  
MIS 4372: Transactions Processing Systems II  
MIS 4478: Administration of Computer-Based Management Information  
Systems

### Proposed Modifications:

Prerequisite:  
Junior Standing

Requirements:  
MIS 3380-3360: Systems Analysis and Design  
and  
four (4) of the following courses:

#### **MIS 3370: Information Systems Development Tools**

(prerequisite: Completion of or concurrent enrollment in MIS  
3380-3360\*)

#### **MIS 3371: Transactions Processing Systems I**

(prerequisite: Completion of or concurrent enrollment in MIS  
3380-3360\*)

MIS 3376: Business Database Management Systems

(prerequisite: Completion of or concurrent enrollment in MIS  
3380-3360\*)

#### ***MIS 4477: Data Communications***

(prerequisite: MIS 3380-3360\*)

MIS 4374: IT Project Management

(prerequisite: MIS 3380-3360\*)

MIS 4371: Interactive Programming

(prerequisite: MIS 3380-3360\*)

MIS 4372: Transactions Processing II

(prerequisite: MIS 3371)

MIS 4373: Transactions Processing III

(prerequisite: MIS 4372)

#### ***MIS 4478: MIS Management***

(prerequisites: MIS 3380 3360 and senior standing)

MIS 4379: Business Systems Consulting

(prerequisite: Consent of instructor)

MIS 4397: Special Topics: prerequisite

(prerequisite: MIS 4478)

Rationale: The faculty in the MIS area feel that the three-course prerequisite limits the number of students both outside the Bauer College as well as inside the Bauer College who might otherwise consider selecting an MIS minor given the current increasing demand in the marketplace for IT professionals. In addition, like the Marketing and Management minors, we feel that adequate preparation for an MIS minor need only be the current Bauer College grade point average requirements for students wishing to minor in business along with Junior Standing. In addition, though students may take any four courses beyond MIS ~~3380~~ 3360, we have identified two sets of courses, one representing a more technical track and one representing a more non-technical track. These tracks are for information purposes only. Key to suggested courses: **technical track**, *non-technical track*, both tracks.