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LIBERAL STUDIES

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Number: 99-17a ~~98-32a~~
Submission Date: _____
Action-Date: UWUCC App 9/21/99
Senate App 2/29/00

CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

I. **CONTACT**

Contact Person Kenneth L. Shildt Phone 2929

Department MIS and Decision Sciences

II. **PROPOSAL TYPE (Check All Appropriate Lines)**

_____ **COURSE** _____
Suggested 20 character title

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____ New Course* _____
Course Number and Full Title

____ Course Revision _____
Course Number and Full Title

____ Liberal Studies Approval+ for new or existing course _____
Course Number and Full Title

____ Course Deletion _____
Course Number and Full Title

____ Number and/or Title Change _____
Old Number and/or Full Old Title

_____
New Number and/or Full New Title

____ Course or Catalog Description Change _____
Course Number and Full Title

__X__ **PROGRAM:** _____ Major __X__ Minor _____ Track

____ New Program* _____
Program Name

__X__ Program Revision* Minor in Management Information Systems
Program Name

____ Program Deletion* _____
Program Name

____ Title Change _____
Old Program Name

_____
New Program Name

III. **Approvals** (signatures and date)

Louise B. Burby
Department Curriculum Committee

Kenneth L. Shildt
Department Chair

College Curriculum Committee

College Dean

+Director of Liberal Studies (where applicable)

*Provost (where applicable)

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PART II DESCRIPTION OF CURRICULUM CHANGE

1. Catalog description for the revised program in the appropriate form.

Management Information Systems prepares students for careers in Computer Based Information Systems in organizational environments. Newer areas such as networking and user/manager involvement in the global business environment are integrated with the traditional skills of programming, analysis and design, database development, various architectures and application development. Microprocessor technology, the mainframe environment, and client server applications are included. These adhere to standards for a balanced curriculum as promulgated by the Association for Information Systems (AIS), the technology accrediting arm of the American Assembly of Collegiate Schools of Business (AACSB).

Decision Sciences provides students with a knowledge of statistical and quantitative methods used to enhance the business decision process. The methodologies include linear programming, forecasting, simulation, stochastic process, queuing and network models.

The department creates a learning process that instills in its graduates respect, integrity, excellence and a commitment to life-long learning. Internship experiences facilitate the student's entry into full-time employment in a rapidly changing technological environment.

The department welcomes minors for students who are majoring in other business programs. The newly revised minor program offers other business majors a technical enhancement to their area of interest, a necessity for today's business manager.

2. Summary of changes:

a. Table comparing old and new programs:

Current catalog description for all minors in the College of Business

Business Minors for Eberly College of Business Students	15 sh
Minors in Accounting, Finance, Human Resources Management, Management Information Systems, Marketing, and Office Systems are offered only for students who are majoring in one of the other majors in the Eberly College of Business and assume the common thirty-six credits Business core.	

Current requirements for MIS Minor	15 sh	Minor: Management Information Systems	15 sh
for Business Majors in the Eberly College of Business only)		(for Business Majors in the Eberly College of Business only)	
Required courses:		**Required courses:**	
IM 300 Information Systems: Theory & Practice	3 sh	IM 205 Foundations of MIS	3 sh
IM 251 Business Systems Analysis & Design	3 sh	IM 251 Business Systems Analysis & Design	3 sh
IM 255 Business Applications in COBOL	3 sh	IM 300 Information Systems: Theory & Practice	3 sh
Two Electives from the following:	6 sh	**Controlled Electives:**	6 sh
IM 350 Business Systems Technology	3 sh	Select 6 semester hours from any IM courses except IM 101 and IM 201.	
IM 372 Microcomputer Applications	3 sh		
IM 382 Auditing for EDP Systems	3 sh		
IM 450 Data Base Theory & Applications	3 sh		
QB 380 Introduction to Management Science	3 sh		
QB 401 Forecasting Methods for Business	3 sh		

*IM 300 is both a core course and requirement for the minor.

b. List of all associated course changes (new or revised courses, number, title, or description changes, and deletions)

Additions: IM 261 Micro Database Systems (pending Senate approval)

Deletions: IM 241 Introduction to Management Information Systems
IM 245 Introduction to Microcomputers
IM 260 Business Computer Applications Project

Other Changes: IM 251 Business Systems Analysis and Design
IM 255 Business Applications in COBOL

NOTE: The MIS minor should appear on page 51 at the end of the MIS and Decision Sciences Department section of the undergraduate catalog.

3. Rationale for Change

The rationale for adding prescribed courses to the catalog is to provide students with detailed information relative to the MIS Minor. It will provide articulation between the catalog and the proposed **Minor** checklist which is shown as Attachment 1. IM 241 and IM 260 are obsolete and have not been taught for years, hence we wish to delete them. IM 245 has been essentially replaced by IM 101 and should be deleted as well. IM 251 and IM 255 must have their prerequisites updated to fit our current prerequisite requirement. Essentially, we are trying to improve our MIS minor so it is both meaningful and flexible for the business major who wishes to enhance their major area with an additional emphasis on Information Systems. The IM 205 will give minors an exposure to basic MIS practices in the construction and programming of business applications. IM 261 will give minors a basic understanding of database terminology. IM 300 gives minors (as well as all Business students) a basic understanding of Management Information Theory. The electives will allow MIS minors to choose whether they want to pursue additional skills in programming, databases, networking, or other emerging MIS specialty areas.

PART III IMPLEMENTATION

1. **How will the proposed revision affect students already in the existing program?**

   Existing students will be grandfathered under the MIS minor requirements under which they have already started. Eventually all MIS minor students will be under the new requirements.

2. **How will the proposed revision affect faculty teaching loads? Have additional faculty been authorized? If you are adding requirements, how will adequate seats be provided?**

   Teaching loads will remain the same.

3. **Are other resources adequate? (Space, equipment, supplies, travel funds)**

   The current resources are adequate.

4. **Do you expect an increase or decrease in the number of students as a result of these revisions? If so, how will the department adjust?**

   The Department expects that number of minors will remain consistent with current numbers.

5. **What will be the minimum QPA required? Will it be 2.0, which is consistent with the University? If not, is there a rationale?**

   The minimum QPA for the MIS Minor will be 2.0

6. **When are you anticipating the new minor to begin?**

   We will begin requiring <u>new</u> MIS Minors to use the new requirements after the semester in which the revised MIS Minor passes the Senate.

PART IV COURSE PROPOSALS

See Course Proposal for IM 261 Micro Database Systems

PART V LETTERS OF SUPPORT - None

Attachment 1

MIS and DECISION SCIENCES DEPARTMENT
203 EBERLY COLLEGE OF BUSINESS
357-2929

MIS MINOR CHECKLIST

Instructions: Indicate the grades you received in the courses you have completed and/or the semester you will be completing the remaining courses. Turn this form in to your department with your graduation application.

Required Courses:	**Grade**	**Verification**
IM 205 Foundations of MIS	_____	_____
IM 251 Business Systems Analysis & Design	_____	_____
IM 300 Information Systems: Theory & Practice	_____	_____
Elective Courses:		
_____	_____	_____
_____	_____	_____

_____ Overall Q.P.A. for Minor

* * * *