

LSC Use Only No: LSC Action-Date: UWUCC USE Only No. UWUCC Action-Date: Senate Action Date:  
 02-80p App 4/15/03 App 4/29/03

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

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Proposing Department/Unit MS and Decision Sciences	Phone 357-5773, 357-2931

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. Course Proposals (check all that apply)
- New Course       Course Prefix Change       Course Deletion
- Course Revision       Course Number and/or Title Change       Catalog Description Change

Current Course prefix, number and full title      Proposed course prefix, number and full title, if changing

2. Additional Course Designations: check if appropriate
- This course is also proposed as a Liberal Studies Course.       Other: (e.g., Women's Studies, Pan-African)
- This course is also proposed as an Honors College Course.

3. Program Proposals
- New Degree Program       Program Title Change       Program Revision
- New Minor Program       New Track       Other

Minor -      N/A

Management Information Systems

Current program name      Proposed program name, if changing

4. Approvals

		Date
Department Curriculum Committee Chair(s)	<i>Elizabeth M. Pierce</i>	2-21-2003
	<i>K. Wibowo</i>	2-21-2003
Department Chair(s)	<i>Lucas B. Perry</i>	2-21-2003
College Curriculum Committee Chair	<i>Jette Wiskin</i>	2-26-2003
College Dean	<i>R. Camp</i>	2/27/03
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs	<i>Gail S. Sechrist</i>	4/15/03

Rev. 4/22/03

APR - 8 2003

\* where applicable

FEB 28 2003

LIBERAL STUDIES

**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, cyber security 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 as well as an emphasis on business computing issues such as profitability, budgeting, collaboration, and project management. These adhere to standards for a balanced curriculum as promulgated by the Association for Information Systems (AIS), the technology-accrediting arm of The Association to Advance Collegiate Schools of Business-International (AACSB). AIS now comprises organizations such as AITP, SIMS, TIMS, ORSA and ICIS.

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 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:

<b>Current requirements for MIS Minor</b>	<b>15 sh</b>	<b>Minor: Management Information Systems</b>	<b>15 cr</b>
<b>(for Business Majors in the Eberly College of Business and Information Technology only)</b>		<b>(for Business Majors in the Eberly College of Business and Information Technology only)</b>	
<b>Required Courses:</b>		<b>Required courses:</b>	
IFMG 205 Foundations of MIS	3 sh	IFMG 210 Intro to Front-End Business Applications	3 cr
IFMG 251 Business Systems Analysis and Design	3 sh	IFMG 230 Intro to Back-End Business Applications	3 cr
IFMG 300 Information Systems: Theory and Practice	3 sh	IFMG 300 Information Systems: Theory and Practice*	3 cr
<b>Controlled Electives:</b>	<b>6 sh</b>	<b>Controlled Electives: **</b>	<b>6 cr</b>
Select 6 semester hours from any IFMG courses except IFMG 101 and 201.		Select 6 semester hours from any IFMG courses except IFMG 101 and 201.	

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

\*\* MIS minor should include a concentration in all IFMG courses. As a result, QBUS courses will not be counted towards the minor.

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

IFMG 210 Introduction to Front-End Business Applications  
IFMG 230 Introduction to Back-End Business Applications

3. Rationale for Change

IFMG 230 will replace IFMG 251 because:

1. It will provide MIS Minors a better set of prerequisites for taking their controlled electives.
2. IFMG 251 is not offered on a regular basis while IFMG 230 will be offered every semester.

**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. Within two years all MIS minor students will be under the new requirements.

2. Are faculty resources adequate? If you are not requesting or have not been authorized to hire additional faculty, demonstrate how this course will fit into the schedule(s) of current faculty.

Faculty resources are adequate; teaching loads will remain the same. All courses are presently being offered.

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.

**PART IV PERIODIC ASSESSMENT**

1. Describe the evaluation plan. Include evaluation criteria. Specify how student input will be incorporated into the evaluation process.

**A. Evaluation Criteria**

The evaluation of these curriculum changes will take place first within the department by getting feedback and consensus from all department members. We base our decisions on input received from students, employers, professional organizations, business advisory counsel, and AACSB accreditation guidelines. Next, we share our curriculum plans with fellow departments (Computer Science, Technology Support & Training) to get their feedback and advice. Finally the entire

proposal is reviewed by the Eberly College of Business and Information Technology before passing to the UWUCC and APSCUF for their review.

**B. Student Input into the Evaluation Process**

Student input can be accomplished by including several student representatives on our department undergraduate curriculum committee as well as the college undergraduate curriculum committee.

**2. Specify the frequency of the evaluations.**

Due to the rapid change in the MIS field, it is important that we review our curriculum on a regular basis. It is quite likely to expect a revision to the minor every 3 to 5 years.

**3. Identify the evaluating entity.**

The evaluation process is mainly one of self-evaluation by the faculty. However, input from our business advisory council, students, curriculum recommendations from professional organizations, and AACSB accreditation guidelines all play a role.

**PART V COURSE PROPOSALS**

None.

**PART V LETTERS OF SUPPORT OR ACKNOWLEDGEMENT**

None

Attachment 1

MIS and DECISION SCIENCES DEPARTMENT

MIS MINOR CHECKLIST

(For Business Majors Only)

Instructions: Indicate the grades you received in the courses you have completed and/or the semester you will be completing the remaining courses. It is recommended you turn this form in to the MIS Department when the coursework is initiated, but no later than when you apply for graduation.

Required Courses:	Grade	Verification
IFMG 210 Front-End Business Applications	_____	_____
IFMG 230 Back-End Business Applications	_____	_____
IFMG 300 Information Systems: Theory & Practice	_____	_____

Elective Courses: 6 semester hours from any IFMG courses except IFMG 101 and IFMG 201.

_____	_____	_____
_____	_____	_____

\_\_\_\_\_ Overall Q.P.A. for Minor

\*\*\*\*\*

DEPARTMENTAL APPROVAL OF MIS MINOR

Student's Name \_\_\_\_\_ Banner ID \_\_\_\_\_

Student's Major \_\_\_\_\_ Graduation Date: \_\_\_\_\_

I do ( ) do not ( ) tentatively approve the above student for an MIS Minor.

Comments: \_\_\_\_\_

\_\_\_\_\_  
Chairperson's Signature Date

Approval after final grades are posted: \_\_\_\_ Yes \_\_\_\_ No By: \_\_\_\_\_