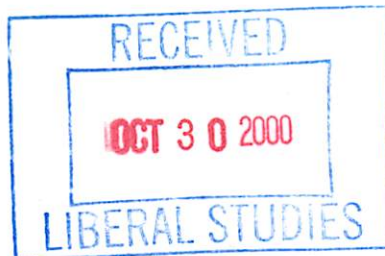LSC Use Only
Number: _____
Submission Date: _____
Action-Date: _____

UWUCC USE Only
Number: _00-37_
Submission Date: _____
Action-Date: UWUCC App 12/12/00
Senate App 1/30/01

CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

I. CONTACT

Contact Person__Elizabeth M. Pierce_____ Phone__357-5773____

Department__MIS and Decision Sciences_____

II. PROPOSAL TYPE (Check All Appropriate Lines)

_____ **COURSE** _____
Suggested 20 character title

_____ 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:**   __X__ Major   _____ Minor   _____ Track

_____ New Program* _____
Program Name

__X__ Program Revision* _MIS Major_____
Program Name

_____ Program Deletion* _____
Program Name

_____ Title Change _____
Old Program Name

_____
New Program Name

III. Approvals (signatures and date)

_Elizabeth M Pierce_____   _Laurie B. Burky_____
Department Curriculum Committee   Department Chair

_____   _Kurt C. Cerm_____
College Curriculum Committee   College Dean

_____   _____
+Director of Liberal Studies (where applicable)   *Provost (where applicable)

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). 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 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:

Bachelor of Science - Management Information Systems

Old Program		New Program	
Liberal Studies: As outlined in Liberal Studies section with the following specifications: Mathematics: MATH121 Social Science: ECON121, PSYC101 Liberal Studies electives: MATH214, ECON122, BEDU/COSC101, no courses with IFMG prefix	55-58	**Liberal Studies:** As outlined in Liberal Studies section with the following specifications: Mathematics: MATH121 Social Science: ECON121, PSYC101 Liberal Studies electives: MATH214, ECON122, BEDU/COSC101, no courses with IFMG prefix	55-58
College: Business Administration Core	**33**	**College: Business Administration Core**	**33**
Required courses:		Required courses:	
ADMS321 Business and Interpersonal Communications	3sh	ADMS321 Business and Interpersonal Communications	3sh
ACCT201 Accounting Principles I	3sh	ACCT201 Accounting Principles I	3sh
ACCT202 Accounting Principles II	3sh	ACCT202 Accounting Principles II	3sh
BLAW235 Introduction to Business Law	3sh	BLAW235 Introduction to Business Law	3sh
FIN310 Finance I	3sh	FIN310 Finance I	3sh
IFMG300 Information Systems: Theory and Practice	3sh	IFMG300 Information Systems: Theory and Practice	3sh
MGMT310 Principles of Management	3sh	MGMT310 Principles of Management	3sh
MGMT330 Production and Operations Management	3sh	MGMT330 Production and Operations Management	3sh
MGMT495 Business Policy	3sh	MGMT495 Business Policy	3sh
MKTG320 Principles of Marketing	3sh	MKTG320 Principles of Marketing	3sh
QBUS215 Business Statistics	3sh	QBUS215 Business Statistics	3sh
Major: Management Information Systems	**33**	**Major: Management Information Systems**	**33**
Required courses: (24 sh)		Required courses: (24 sh)	
IFMG205 Foundations of MIS	3sh	IFMG205 Foundations of MIS	3sh
COSC220 Applied Computer Programming	3sh	COSC220 Applied Computer Programming	3sh
IFMG350 Business Systems Technology	3sh	IFMG350 Business Systems Technology	3sh
COSC/IFMG352 LAN Design and Installation	3sh	COSC/IFMG352 LAN Design and Installation	3sh
IFMG370 Advanced COBOL	3sh	IFMG370 Advanced COBOL	3sh
IFMG450 Data Base Theory and Application	3sh	IFMG450 Data Base Theory & Application	3sh
IFMG451 Systems Analysis	3sh	IFMG451 Systems Analysis	3sh
IFMG470 Systems Design	3sh	IFMG470 Systems Design	3sh
Controlled electives: (9 sh) Select three from the following: COSC/IFMG354, IFMG372, IFMG382, IFMG435, IFMG480, IFMG485, IFMG493, QBUS380, QBUS401 COSC110, COSC300, COSC310, COSC345, COSC362, COSC444 With advisor approval, one controlled elective may be selected from any other business course numbered 300 or higher that is not in the business core.		Controlled electives: (9 sh) Select three from the following: COSC/IFMG354, IFMG372, IFMG382, IFMG435, IFMG480, IFMG485, IFMG493, QBUS380, QBUS401 COSC110, COSC300, COSC310, COSC345, COSC362, COSC444 With advisor approval, one controlled elective may be selected from any other business course numbered 300 or higher that is not in the business core.	
Other Requirements:	**0**	**Other Requirements:**	**0**
Free Electives:	**2-5**	**Free Electives:**	**0-3**
Total Degree Requirements:	**126**	**Total Degree Requirements:**	**124**

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

    (1) Changes
        (a) Reduce free electives from 2-5 credits to 0-3 credits.
        (b) Allow any course with a COSC prefix to be treated as non-business.

3. **Rationale for Change:**

APSCUF will not permit the MIS Major Revision that was approved by the University Senate on 2/29/2000 to go forward to the Council of Trustees because of the new program's credit requirements of 126. To resolve the dispute, the MIS Department has obtained approval from the Eberly College of Business & Information Technology to count any course with a COSC prefix as non-business. In order to receive AACSB accreditation, Eberly College of Business & Information Technology Major Programs may not require students to have more than fifty percent of the total credits in business courses. By treating QBUS215 and courses with a COSC prefix as non-business, the MIS major will meet the AACSB 50% requirement with 64 credits in non-business and 60 credits in business consisting of the business core, thirty credits, and major program, thirty credits. In addition, by reducing the free electives to 0-3 credits, the MIS major program will meet APSCUF requirements that undergraduate programs not exceed 124 credits.

We can justify treating COSC courses as non-business because of the guidelines now listed in the undergraduate catalog for the Eberly College of Business and Information Technology which states:

> For purposes of all policies above, "business" coursework consists of all Eberly College of Business and Information Technology courses except IFMG 101, QBUS 215, and courses in Business Education (BEDU). ECON 334 is also treated as a "business" course. "Non-business" coursework consists of all BEDU courses, IFMG 101, QBUS 215, and all non-Eberly College of Business and Information Technology courses except ECON 334.