



## UNIVERSITY OF FLORIDA

COLLEGE OF BUSINESS ADMINISTRATION  
ALAN G. MERTEN, DEAN

GAINESVILLE, FLORIDA 32611  
(904) 392-2397

GENERAL FACULTY MEETING  
Tuesday, November 3, 1987  
3:00 p.m.  
102 BUS

### A G E N D A

1. Minutes from October 6, 1987, Faculty Meeting\*
2. Nominations for the Research Committee
3. Committee reports

Undergraduate - Andy McCollough  
Minor in Business Administration (Attachment I)  
New course in Information Systems (Attachment II)

Graduate - Rich Lutz  
New course in Information Systems (Attachment III)

4. Dean's Report

\* Minutes to be distributed separately

cc: Larry Humes  
Lee-Ann Humenik

## A PROPOSAL FOR THE MINOR IN BUSINESS ADMINISTRATION

## OBJECTIVE:

To provide service for students in majors outside of business by providing a general overview of the business environment.

## STRUCTURE:

The minor in Business Administration requires exposure to the major functional areas in business. Thus, the following coursework will be required:

ACG 2001	3 credits
ACG 2302	2 credits
FIN 3408	4 credits
ECO 2013	3 credits
MAN 3021	3 credits
MAR 3023	3 credits
	18 credits

Transfer work will be accepted for the ECO 2013, ACG 2001, and ACG 2302. All courses must be taken for a grade, not S-U. A minimum of three (3) upper division courses must be taken at the University of Florida. This minor program is not available to students in the Fisher School of Accounting.

Students will apply to the College of Business Administration for admission to the minor. The admission grade point average is the same overall grade point average as required for admission to a major in the College of Business Administration, 2.5 overall. If minor coursework has been taken prior to admission, a 2.0 grade point average must have been earned in the courses taken. Application for the minor is to be made as early as possible after admission to an upper division college, but no later than one semester prior to graduation.

A 2.0 grade point average in the minor courses is required to graduate with a minor in business.

## IMPACT ON ADMINISTRATIVE RESOURCES:

In order to monitor the minors, the Registrar is designing a system which will provide the College with a list of graduating students who have been admitted to the business minor. The Undergraduate office will process this list electronically and certify to the Registrar those students who have met the requirements. There will initially be a cost for developing the program to process the minor. Once developed, the processing time will be minimal.

The Undergraduate office will be responsible for processing applications for admission to the business minor. Again, an initial expense will be incurred for developing the program to process the applications, however, once developed, the processing time will be minimal.

Institution of  
Campus: N/A  
FICE 1535

NEW COURSE TRANSMITTAL FORM  
(See Reverse for Instruction)

Form Attachment 11 Rev.80  
OAA#

Department: Management Discipline: Decision and Information Sciences  
Course Title: Information Systems in Organizations

Credit Type: Semester Total Credit Hours 3 Lecture Credit Hrs. 3

Recommended CNS Prefix and Number: ISM 3 0 1 1  
Alpha First Taxonomy Number  
Digit

Lab Credit Hrs. \_\_\_\_\_  
Other Hrs. \_\_\_\_\_  
Lab indicator (C or L) \_\_\_\_\_

Catalog Course Description: See attachment, page 2

State the pre and corequisites in terms of content (see reverse):

Prerequisites Permission of the instructor.

Corequisites \_\_\_\_\_

Intended Students (check all that apply):  Undergraduate Major  
 Undergraduate Non-Majors  
Level (see reverse):  Adv. Undergrad. & Graduates  
 Graduate Students Only

Introductory  Advanced  Other (specify) \_\_\_\_\_

List major topics here and attach a one-page outline of the proposed course;  
See attachment, page 3

List any other course(s) in the University catalog dealing with similar subject matter;  
CIS 4300, ACG 4451

List the department chairperson (by name and dept.) with whom you have cleared any question of possible duplication or infringement by this course. Each such chairperson must either sign the outline requested below to indicate no concern over possible duplication or infringement, or make comments. Any lack of comments or signatures must be explained.  
R. Chow, Computer & Information Sciences J. Kramer, School of Acctg.

List teaching materials, textbook(s), and instructor (include status on Graduate Faculty if applicable):  
See attachment, page 2; R. Elnicki, DRF

State the quarter in which the course will be first offered: Spring, 1989

Signature of Department Chairperson \_\_\_\_\_ Date \_\_\_\_\_ Signature of College Dean \_\_\_\_\_ Date \_\_\_\_\_

Signature of Graduate Dean (if applicable) \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_ Disapproved \_\_\_\_\_ Effective Date \_\_\_\_\_

Last date for inclusion in catalog copy: \_\_\_\_\_

Chairman, UCC/Liaison Officer \_\_\_\_\_ Date \_\_\_\_\_

FOR FACULTY DISCIPLINE TASK FORCE AND SYSTEM STAFF USE ONLY:

Approved Prefix and Number \_\_\_\_\_ Rec. # \_\_\_\_\_ HEGIS \_\_\_\_\_ USOE \_\_\_\_\_

Generic Course Title \_\_\_\_\_

Century Title \_\_\_\_\_

Remarks: \_\_\_\_\_

Reviewed by: \_\_\_\_\_

Discipline Task Force Representative \_\_\_\_\_ Date \_\_\_\_\_

Input into Data Base \_\_\_\_\_ by \_\_\_\_\_ Date \_\_\_\_\_

# Decision and Information Sciences

College of Business Administration

University of Florida

Gainesville FL 32611

3 Business Building

904-392-0141

Ira Horowitz, Chairman and  
Graduate Research Professor  
904-392-0143  
BUS 347

September 30, 1987

Harold P. Benson  
Associate Professor  
904-392-0134  
BUS 219C

To: Associate Dean Doug Snowball

Richard A. Einicki  
Professor  
904-392-6640  
BUS 339

From: Ira Horowitz, Chair 

Subject: New Undergraduate Course Proposal

S. Selcuk Erenguc  
Assistant Professor  
Graduate Coordinator  
904-392-4633  
BUS 212

The Decision and Information Sciences faculty wishes to submit the attached proposal for consideration by the Undergraduate Curriculum Committee.

H. Russell Fogler  
Professor  
904-392-0143  
BUS 345,

ISM 3011 Information Systems in Organizations (3 credits)

Antal Majthay  
Associate Professor  
904-392-0328  
BUS 229

The prefix and numbers were recommended by Gary Davis of the Faculty Discipline Task Force System Staff in Tallahassee. He is the individual who will ultimately approve the prefix and numbers. He suggested we use "ISM," standing for Information System Management, for the new computing application courses we will be proposing for CBA students.

Terence L. Sincich  
Visiting Assistant  
Professor  
904-392-5946  
BUS 204

We have discussed this proposal with Dr. R. Chow, Acting Chair, Computer and Information Sciences Department and with Dr. John Kramer, Director, SOA. They have agreed to sign the proposal.

William F. Webster  
Assistant Professor  
904-392-7086  
BUS 210

PCW: ism3011.out

## ISM 3011

## INFORMATION SYSTEMS IN ORGANIZATIONS

CATALOG DESCRIPTION

An introduction to information systems in organizations for undergraduate students. Topics include the range of computer hardware, software, and communications available in the marketplace; a review of languages; examples of applications in organizations; management of information and computer technology; and current trends and future directions. Students will use microcomputers in the College's computing laboratories.

Credits: 3.

PREREQUISITES: Permission of the instructor.

ISM 3011 PROPOSED OUTLINE  
INFORMATION SYSTEMS IN ORGANIZATIONS

- A. From Microcomputers to Supercomputers -- Structure & Functions.
  - 1. Microcomputers.
  - 2. Minicomputers and "midi"-computers.
  - 3. Mainframes.
  - 4. Supercomputers.
  - 5. Communications and Networks.
  
- B. Survey of Languages.
  - 1. BASIC, with a PC programming assignment.
  - 2. FORTRAN or other scientific language.
  - 3. COBOL or other "business" language.
  - 4. Report generators.
  - 5. "Canned" packages for special purpose applications.
  - 6. Fourth Generation Languages.
  
- C. Applications in Organizations.
  - 1. The BIG Five Transaction Processing: Payroll & personnel, cash & receivables, purchasing & payables, fixed assets, general ledger. Introduction to a database system & PC application assignment.
  - 2. Office automation and networks.
  - 3. Finance applications with PC spreadsheet assignment or IFPS.
  - 4. Marketing applications with PC statistics assignment or SAS.
  - 5. Manufacturing applications with PC production assignment via one of the OR/MS packages, e.g., QBS.
  - 6. Distribution applications with PC L/P assignment.
  - 7. Strategic planning applications with PC forecasting model assignment.
  
- D. Management of Information and Computer Technology.
  - 1. Planning Systems for Information Processing.
  - 2. Implementing Plans to Provide Information.
  - 3. Operating the Systems to Control Information.
  - 4. Evaluation: Information Systems vs. Hardware Systems.
  
- E. Current Trends and Future Directions.
  - 1. From Transactions to Decision Support Systems.
  - 2. Artificial Intelligence.
  - 3. Expert Systems with PC assignment.

**INSTRUCTION:** Lecture format with structured computing assignments.

**POSSIBLE TEXTS:** James Hicks, Management Information Systems: A User Perspective, 2nd ed., 1987, West.

Donald Kroeber and Hugh Watson, Computer-Based Information Systems: A Management Approach, 2nd ed., 1987, Macmillan.

Institution UF  
Campus N/A  
FICE 1535

NEW COURSE TRANSMITTAL FORM  
(See Reverse for Instruction)

ATTACHMENT III  
Form UCC 1 Rev.80  
OAA# \_\_\_\_\_

Department: Management Discipline: Decision and Information Sciences  
Course Title: Information Systems in Organizations

Credit Type: Semester Total Credit Hours 3 Lecture Credit Hrs. 3

Recommended CNS Prefix and Number: ISM 5 0 2 1  
Alpha First Digit Taxonomy Number  
Lab Credit Hrs. \_\_\_\_\_  
Other Hrs. \_\_\_\_\_  
Lab indicator (C or L) \_\_\_\_\_

Catalog Course Description: See attachment, page 2

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Corequisites \_\_\_\_\_

Intended Students (check all that apply): \_\_\_\_\_ Undergraduate Major \_\_\_\_\_ Others (specify) \_\_\_\_\_  
\_\_\_\_\_ Undergraduate Non-Majors \_\_\_\_\_  
Level (see reverse): \_\_\_\_\_ Adv. Undergrad. & Graduates \_\_\_\_\_  
X \_\_\_\_\_ Graduate Students Only \_\_\_\_\_  
Introductory \_\_\_\_\_ Advanced \_\_\_\_\_ Other (specify) \_\_\_\_\_

List major topics here and attach a one-page outline of the proposed course;  
See attachment, page 3

List any other course(s) in the University catalog dealing with similar subject matter;  
CIS 4300, ACG 5405

List the department chairperson (by name and dept.) with whom you have cleared any question of possible duplication or infringement by this course. Each such chairperson must either sign the outline requested below to indicate no concern over possible duplication or infringement, or make comments. Any lack of comments or signatures must be explained.  
R. Chow, Computer & Information Sci.; J. Kramer, Schl. of Accounting

List teaching materials, textbook(s), and instructor (include status on Graduate Faculty if applicable):  
See Attachment 2, page 3, R. Elnicki, DRF

State the quarter in which the course will be first offered: Spring 1989

Signature of Department Chairperson \_\_\_\_\_ Date \_\_\_\_\_ Signature of College Dean \_\_\_\_\_ Date \_\_\_\_\_

Signature of Graduate Dean (if applicable) \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_ Disapproved \_\_\_\_\_ Effective Date \_\_\_\_\_

Chairman, UCC/Liaison Officer \_\_\_\_\_ Date \_\_\_\_\_ Last date for inclusion in catalog copy: \_\_\_\_\_

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Approved Prefix and Number \_\_\_\_\_ Rec. # \_\_\_\_\_ HEGIS \_\_\_\_\_ USOE \_\_\_\_\_  
Generic Course Title \_\_\_\_\_

Century Title \_\_\_\_\_

Remarks: \_\_\_\_\_

Reviewed by: \_\_\_\_\_ Discipline Task Force Representative \_\_\_\_\_ Date \_\_\_\_\_

Input into Data Base \_\_\_\_\_ by \_\_\_\_\_

# Decision and Information Sciences

College of Business Administration — University of Florida — Gainesville FL 32611

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Ira Horowitz, Chairman and  
Graduate Research Professor  
904-392-0143  
BUS 347

September 30, 1987

Harold P. Benson  
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904-392-0134  
BUS 219C

To: Associate Dean Doug Snowball

Richard A. Elnicki  
Professor  
904-392-6640  
BUS 339

From: Ira Horowitz, Chair

Subject: New Graduate Course Proposal

S. Selcuk Ereguc  
Assistant Professor  
Graduate Coordinator  
904-392-4633  
BUS 212

The Decision and Information Sciences faculty wishes to submit the attached proposal for consideration by the Graduate Curriculum Committee.

H. Russell Fogler  
Professor  
904-392-0143  
BUS 345,

ISM 5021 Information Systems in Organizations (3 credits)

Antal Majthay  
Associate Professor  
904-392-0328  
BUS 229

The prefix and numbers were recommended by Gary Davis of the Faculty Discipline Task Force System Staff in Tallahassee. He is the individual who will ultimately approve the prefix and numbers. He suggested we use "ISM," standing for Information System Management, for all the computing application courses we will be proposing for CBA students.

James T. McClave  
Associate Professor  
904-392-5815  
BUS 206

Terence L. Sincich  
Visiting Assistant  
Professor  
904-392-5946  
BUS 204

We have discussed this proposal with Dr. R. Chow, Acting Chair, Computer and Information Sciences Department and with Dr. John Kramer, Director, SOA. They have agreed to sign the proposal.

William F. Webster  
Assistant Professor  
904-392-7086  
BUS 210

PCW: ism5021.out



ISM 5021

Page 2

September 30, 1987

ISM 5021

## INFORMATION SYSTEMS IN ORGANIZATIONS

CATALOG DESCRIPTION

An introduction to information systems in organizations for graduate students with minimal micro computer operation skills. Topics include the range of computer information technology available in the marketplace; a survey of language types and procedural languages; cases on applications in organizations; management of information and computing resources; and current trends and future directions. Students will use microcomputers in the College's computing laboratories.

PREREQUISITES: Permission of the instructor.

## ISM 5021 PROPOSED OUTLINE

## INFORMATION SYSTEMS IN ORGANIZATIONS

- A. Computer Architecture, Structure & Functions.
  - 1. Evolution of Stored-Program Computers.
  - 2. Survey of Current Market Offerings.
  - 3. Review of Installed Computer Base.
  - 4. Communication and Networks Concepts in Organizations.
- B. Survey of Languages.
  - 1. BASIC, with PC programming assignment.
  - 2. Scientific languages.
  - 3. Transaction application languages.
  - 4. Report generators.
  - 5. Special purpose application languages and software.
  - 6. Fourth Generation Languages.
- C. Applications in Organizations.
  - 1. Transaction Processing Readings: Payroll & personnel, cash & receivables, purchasing & payables, fixed assets, general ledger. Introduction to a database system with a case study application.
  - 2. Readings on office automation and networks.
  - 3. Finance case study with PC spreadsheet assignment or IFPS.
  - 4. Marketing case study with PC statistics assignment or SAS.
  - 5. Readings in manufacturing control systems with PC production assignment on a OR/MS packages, e.g., QBS, STORM.
  - 6. Distribution case study with PC L/P assignment.
  - 7. Strategic planning readings with PC forecasting model assignment.
- D. Management of Information and Computer Technology.
  - 1. Readings on information processing planning systems.
  - 2. Case study on the information system design process.
  - 3. Readings on system operation and control processes.
  - 4. Decision support system evaluation readings and case study.
- E. Current Trends and Future Directions.
  - 1. Readings on trends in organization information systems.
  - 2. Artificial intelligence applications in organizations.
  - 3. Expert systems readings and case assignment.

**INSTRUCTION:** Lectures with case studies and computing assignments.

**POSSIBLE TEXTS:** Richard Nolan, Managing the Data Resource Function, 2nd ed., 1982, West.

Ralph Sprague and Barbara McNurlin, Information Systems Management in Practice, 1986, Prentice-Hall.