January 20, 2006

UNIVERSITY CURRICULUM COMMITTEE – 2005-2006
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Dear Colleagues:

The attached proposal from the Terry College of Business will be an agenda item for the February 17, 2006, Full University Curriculum Committee meeting:

• Proposal to add an Area of Emphasis in Management Information Systems under the major in International Business (B.B.A.)

Sincerely,

Dr. William K. Vencill, Chair
University Curriculum Committee

cc: Dr. Arnett C. Mace, Jr.
Dr. Delmer D. Dunn

The University of Georgia
Office of the Vice President for Instruction

Franklin House • Athens, Georgia 30602
An Equal Opportunity/Affirmative Action Institution
April 11, 2005

MEMORANDUM

TO: Fiona Liken and Toni Stone
   Office of Curriculum Systems
   116 Franklin House

FROM: Elena Karahanna
   International Business Programs

Sally Vandiver
   International Business Academic Advisor

SUBJECT: International Business Curriculum

The International Business major would like to introduce a Management Information Systems (MIST) Area of Emphasis. This is being done because the MIST Department is currently the only department in the Terry College that is not represented in the IB major. Courses required by the proposed Area of Emphasis are already offered by the Terry College. The MIST Area of Emphasis will consist of the following.

Areas of Emphasis in Management Information Systems
MIST 5600: Special Topics: Globalization and Information Technology (required)
Plus three 4000 level or higher MIST courses

Please do not hesitate to contact me if I can provide further information. We would like the Area of Emphasis to be implemented for students who matriculate into the International Business major Summer 2006 and thereafter.

Available MIST course options are attached.

Approved, Dr. Stephen Baginski
Associate Dean for Academic Programs

Date: 1/24/06
Semester Core Curriculum

Areas A-E: 42

Required courses in Area A: ENGL 1101, ENGL 1102, and MATH 1101

Area B: Electives

Preferred courses in Area C: SPCM 1100 or SPCM 1500 (take under general electives if not in Area C)

Preferred courses in Area D: MATH 1113 or (MATH 2200, MATH 2200L) (take under general electives if not in Area D)

Preferred courses in Area E: ECON 2100 or ECON 2200 (take under general electives if not in Area E)

Area F: 18
ACCT 2101
ACCT 2102
ECON 2105
ECON 2106
LEGL 2700
MIST 2990

Major Requirements

Upper Division Business Core: Required Courses: 12 hours
FINA 3000
MARK 3000
MGMT 3000
MSIT 3000 or STAT 3000

Area of Emphasis: 12 hours
Choose four courses from one of the following Areas of Emphasis:

Areas of Emphasis in Accounting
Choose four courses from the following:
ACCT 4450
ACCT 5000
ACCT 5010
ACCT 5100
ACCT 5400

Areas of Emphasis in Economics
ECON 4010
ECON 4020
Two additional upper-level ECON courses above ECON 4020

Areas of Emphasis in Finance
FINA 4200
FINA 4310
FINA 4810/6810
Plus one additional upper-level FINA course (except 4210)

Areas of Emphasis in Insurance
RMIN 4000
Two 5000-level or higher courses in RMIN
One course from the Major Elective category
Areas of Emphasis in Legal Studies
LEGL 4400
LEGL 4500
LEGL 4600
LEGL 4900/6900

Areas of Emphasis in Management
Four courses from the following:
MGMT 4240
MGMT 5400
MGMT 5440
MGMT 5820
MGMT 5920

Areas of Emphasis in Management Information Systems
MIST 5600
Three 4000-level or higher MIST courses

Areas of Emphasis in Marketing
MARK 4900
MARK 4100
MARK 4500
MARK 4700

Areas of Emphasis in Real Estate
REAL 4000
Two 5000-level or higher courses in REAL
One course from the Major Elective category

Upper Division Selection: 3 hours
Any 4000-level or above business course; or any 3000-level or above course outside Terry.

International Business Major Required Courses: 6 hours
ECON 4040
MGMT 5560 (ECON 4040 is a prerequisite for IB majors)

International Business Major Elective Course: 3 hours
Choose one course (three hours) from the following if not already taken in Areas of Emphasis:
LEGL 4900/6900
FINA 4810/6810
INTB 4800 or INTB 5100/7100
MARK 4700
MIST 5600

General Electives: 24 hours
(Refer to College-wide requirements when selecting general electives.)
Five courses in foreign language (Proficiency to 3000-level or above.)

Choose Option I or Option II: 9 hours

Option I: Language Minor
Choose three language courses from the department in which you are minorning.

Option II: General Concentration
Choose three courses; any 4000-level or above business course outside your major; or any 3000-level or above course outside Terry. One major course (maximum 3 hours) may be used with permission of the major department.

Total hours required 120
MIST 4600. Computer Programming in Business. 3 hours.
Not open to students with credit in MGMT 4600. Prerequisite: MIST 2090 or MIST 2190H or CSCI 1100-1100L.
Introduction to computer programming using an object-oriented language; top-down design; structured programming; and debugging, testing and implementation

MIST 4610. Data Management. 3 hours.
Not open to students with credit in MGMT 4610. Prerequisite: MIST 2090 or MIST 2190H or CSCI 1100-1100L.
Data management, including database development, access, and administration. The focus is on issues and principles of managing organizational data. Students will get extensive experience in developing data models, creating relational databases, and formulating and executing complex queries.

MIST 4620. Systems Analysis and Design. 3 hours.
Not open to students with credit in MGMT 4620. Prerequisite: MIST 4600 and MIST 4610. Prerequisite or corequisite: MIST 4630.
Systems analysis and design with emphasis on the development of business application systems. Methods of system documentation are examined through the use of object-oriented and structured analysis tools and techniques for describing processes, use cases, data structures, system objects, file designs, input and output designs, and program specifications.

MIST 4630. Network-Based Application Development. 3 hours. Repeatable for maximum 3 hours credit.
Not open to students with credit in MIST 7620. Prerequisite: MIST 4600 and MIST 4610.
Network-based application development using a current development language and platform. Concepts include application development strategies and techniques, web technology platforms, a web development language and web services. Projects will involve development of a network-based application for an organization.

MIST 5600. Special Topics in Management Information Systems, Globalization and IT. 3 hours. Required for International Business majors. Not open to students with credit in MGMT 5600.
The success of organizations in the global marketplace is increasingly dependent on their ability to manage information on an international scale. Moreover, the management of this information is itself dependent on the effective use of highly sophisticated information technology (IT). Thus, managers need to have a greater understanding of issues related to IT in the global environment. The main objective of this course is to introduce students to globalization and its linkage with information technology. More specifically, students completing this course will acquire a greater understanding of globalization strategies; cultural and structural issues impacting the development, adoption, and use of IT; e-readiness; global software development and implementation; off-shore sourcing; and IT in less developed countries and the digital divide.

MIST 5620. Business Intelligence. 3 hours.
Not open to students with credit in MGMT 5620. Prerequisite: MIST 4600 and MIST 4610.
Business intelligence provides the highest level of information support to aid the manager in the decision-making process. This course provides the skills necessary to conceptualize, build, and implement systems utilizing business intelligence in organizations.

MIST 5630. Building Knowledge-Based Systems. 3 hours.
Not open to students with credit in MGMT 5630. Prerequisite: MIST 4600 and MIST 4610.
Provides the student with knowledge engineering skills required to elicit and represent human knowledge, and to build, implement, and maintain knowledge-based systems in organizations.

MIST 5640. Network Management. 3 hours.
Not open to students with credit in MGMT 5640. Basic computer networking technology concepts, standards, products, services, security, and emerging technologies. This course starts with basic networking, progressing to use of networking to deliver and manage network applications/services. While the focus of the course is around the Internet, the application of the concepts extends to other networks.

MIST 5650. Integrated Enterprise-Wide Systems. 3 hours.
Prerequisite: MIST 4620. An introduction to issues of computer information systems supporting business process
purchasable enterprise-wide integrated systems (often called Enterprise Resource Planning or ERP systems), and the benefits and difficulties of implementing such systems.

MIST 5670. Managing the Information System Resource. 3 hours.
Not open to students with credit in MGMT 5670. Prerequisite: MIST 4620.
The issues and management techniques involved in administering the Information System/Resource activities in an organization. The focus is on computer-based resources and IS development activities. Management of IS professionals, development and management of project teams, user-professional relationships, emerging technologies, and planning processes. A sociotechnical perspective is emphasized.

MIST 5690. Web Application Development with PHP. 3 hours.
Prerequisite: MIST 4600 and MIST 4610. Development of database driven Web applications using the PHP scripting language and a database such as MySQL or InterBase. Emphasis is on concepts and techniques required to build multi-tier applications.

MIST 5710. Advanced Business Application Software. 3 hours.
Not open to students with credit in MGMT 5700 or MGMT 5710 or MIST 5700.
A variety of types of business application software that enable the student to be personally productive in the workplace by being able to gather data, analyze it, and present it to others. Students are expected to use programming and database skills to carry out these activities.

MIST 5720. Collaborative Work Systems. 3 hours.
Not open to students with credit in MGMT 5720. Prerequisite: MIST 4600 and MIST 4610.
People work in groups on common tasks. Collaborative computing, in particular, group support systems (GSS), provides support to groups of people. Organizational and technical concepts, development approaches, technologies, applications, and impacts are discussed. Hands-on experience is provided with several state-of-the-art GSS.

MIST 5730. Advanced Data Management. 3 hours.
Prerequisite: MIST 4600 and MIST 4610. SGML, XML and associated technologies, XML implementations, XML tools, XML data management, business uses and applications of XML, data synchronization technologies, and managing data synchronization system.

MIST 5740. Project Management. 3 hours.
Fundamental and practical aspects of project management, especially with regard to leadership and managerial processes and tools essential to successful project completion.

MIST 5750. Business Process Management. 3 hours.
Not open to students with credit in MIST 5750. Modeling business work systems with focus on processes and the information technology (IT) to support business processes. The focus is on using IT to create, automate, and integrate business processes. Major topics covered: modeling work systems, major business processes and their relationships, modeling tools, business process/application integration approaches, creating and managing a business process using business process management software.

MIST 5990. Directed Study. 1-6 hours. Repeatable for maximum 9 hours credit.
Prerequisite: Permission of department. Directed study in management information systems topics, giving particular attention to specialized problems in an area related to a student's academic interests. Non-traditional format: Directed study.