

TO: Lawrence Williams, Chair
Undergraduate Council

FROM: Richard Scamell
Degree Programs Committee: Programs

SUBJECT: Degree Program Changes Originating From the Bauer College of Business
(UC 9797 08F – UC 9802 08F)

DATE: October 15, 2008

RECEIVED OCT 14 2008

APPROVED OCT 22 2008

The Committee met on Wednesday, October 15 to consider proposals from the Bauer College of Business. Three proposals originated in the Department of Finance (UC 9797 08F, UC 9798 08F, and UC 9799 08F) and three proposals originated in the Department of Decision and Information Sciences (UC 9800 08F, UC 9801 08F, and UC 9802 08F). Participating in the discussion were committee members Betty Barr, Roger Blakeney, Iain Morrison and Richard Scamell.

Department of Finance Proposal (UC 9797 08F)

The Department of Finance offers three programs related to global energy management. Students in this Global Energy Management Professional Program (GEM PP) obtain a BBA in Finance with a Global Energy Management specialization. This program begins at the freshman year and carries through graduation. The GEM-PP requires a higher level math and science core than the traditional BBA in Finance. In addition to the required business core course work, GEM PP students take all their advanced-elective courses in energy business. Students in the program ideally are also members of the Bauer Business Honors Program and the UH Honors College. The proposed change to this program presented in UC 9797 08F is the deletion of a one-hour colloquium course FINA 4170 – GEM Colloquium. Although the course itself never materialized, the purpose of the course is now met through student involvement in The Energy Association student association.

Department of Finance Proposals (UC 9798 08F and UC 9799 08F)

The Department of Finance also offers a Global Energy Management Track for finance majors interested in course work related to the energy business but not in the Global Energy Management Professional Program. Basically this program requires students majoring in Finance to take 12 semester hours of approved energy-related finance courses. In addition, the Department of Finance also offers a Global Energy Management minor which allows for other business and nonbusiness majors to benefit from an approved set of courses related to energy careers to complement their major. Both UC 9798 08F (focusing on the Global Energy Management Track for finance majors) and UC 9799 08F (focusing on the Global Energy Management minor) contain the same proposed change as that presented in UC 9797 08F (i.e., the deletion of the one-hour colloquium course FINA 4170 – GEM Colloquium).

Department of Decision and Information Sciences Proposal (UC 9800 08F)

UC 9800 08F contains two recommended changes: one is explicit and one is implicit. The explicit change requests permission to make a slight change to the requirements for the supply chain management major. The implicit change involves permission to add the new course SCM 4371 – Purchasing and Supply Management. This change has been identified as an implicit change because the CBM 003 for the SCM 4371 course will be submitted and evaluated by the Degree Programs Committee: CBM 003s later this semester.

Current requirements for the supply chain management major are SCM 3301 (formerly DISC 3301) – Service and Manufacturing Operations, SCM 4361 (formerly DISC 4361) – Supply Chain Management and five advanced SCM electives selected from:

- SCM 3367 (formerly DISC 3367) - Production and Logistics Systems Design
- SCM 4331 (formerly DISC 4331) – Logistics and the Regulatory Environment
- SCM 4358 (formerly DISC 4358) - Quality Management
- SCM 4362 (formerly DISC 4362) - Enterprise Resource Planning
- SCM 4363 (formerly DISC 4363) - Service Supply Chain Management
- SCM 4364 (formerly DISC 4364) - Global Supply Chain

SCM 4365 (formerly DISC 4365) - Forecasting for Supply Chain Management
SCM 4366 (formerly DISC 4366) - Distribution and Inventory Management
SCM 4367 (formerly DISC 4367) - Competitive Quality
SCM 4368 (formerly DISC 4368) - Manufacturing Control Systems
SCM 4369 (formerly DISC 4369) - Supply Chain Management Internship
SCM 4370 (formerly DISC 4356) – Project Operations
SCM 4371 – Purchasing and Supply Management
SCM 4387 (formerly DISC 4387) - International Supply Chain Management
SCM 4388 (formerly DISC 4388) – Production and Logistics for Small Business
SCM 4390 (formerly DISC 4390) – Energy Supply Chain
SCM 4398 (formerly DISC 4398) – Special Topics

and two approved advanced electives in business.

UC 9800 08F requests that requirements for the supply chain management major be SCM 3301 (formerly DISC 3301) – Service and Manufacturing Operations, six advanced SCM electives selected from:

SCM 3367 (formerly DISC 3367) – Production and Logistics Systems Design
SCM 4331 (formerly DISC 4331) – Logistics and Regulatory Environment
SCM 4358 (formerly DISC 4358) - Quality Management
SCM 4361 (formerly DISC 4361) - Supply Chain Management
SCM 4362 (formerly DISC 4362) - Enterprise Resource Planning
SCM 4363 (formerly DISC 4363) - Service Supply Chain Management
SCM 4364 (formerly DISC 4364) - Global Supply Chain
SCM 4365 (formerly DISC 4365) - Forecasting for Supply Chain Management
SCM 4366 (formerly DISC 4366) - Distribution and Inventory Management
SCM 4367 (formerly DISC 4367) - Competitive Quality
SCM 4368 (formerly DISC 4368) - Manufacturing Control Systems
SCM 4369 (formerly DISC 4369) - Supply Chain Management Internship
SCM 4370 (formerly DISC 4356) – Project Operations
SCM 4371 – Purchasing and Supply Management
SCM 4387 (formerly DISC 4387) - International Supply Chain Management
SCM 4388 (formerly DISC 4388) – Production and Logistics for Small Business
SCM 4390 (formerly DISC 4390) – Energy Supply Chain
SCM 4398 (formerly DISC 4398) – Special Topics

and two approved advanced electives in business.

In a nutshell, the proposed modification to the requirements for the supply chain management major calls for moving SCM 4361 (formerly DISC 4361) – Supply Chain Management from a required course to one the six SCM electives to be selected from among:

During its review of UC 9800 08F the committee noticed that SCM 4371 – Purchasing and Supply Management appeared to be a new course. As mentioned previously, the CBM 003 for this course will be submitted and evaluated by the Degree Programs Committee: CBM 003s later this semester. A description of the content and rationale for this new course follows.

Course Description. The efficient and effective procurement of materials is a critical business function, responsible for the largest cost-structure item at most firms (approximately 60% of sales). Purchasing and supply management can materially impact a company's bottom-line through cost savings and value-added improvements. This course focuses on all aspects of this vital function, from strategic sourcing/supplier management to quality management, from pricing to logistics management. The curriculum is augmented with presentations by industry executives, as well as through plant tours.

Rationale. Approximately, 20-25 percent Supply Chain Management graduates are hired in a strategic sourcing/purchasing capacity, making this course indispensable for their academic preparation.

Department of Decision and Information Sciences Proposal (UC 9801 08F)

Given its increasingly important role in service and manufacturing organizations, UC 9801 08F requests approval of a new minor in Supply Chain Management as a way to provide students an opportunity to minor in this growth area. Requirements for the supply chain management minor are SCM 3301 (formerly DISC 3301) – Service and Manufacturing Operations, and four advanced SCM electives selected from the same group of courses that appear in UC 9800 08F.

Department of Decision and Information Sciences Proposal (UC 9802 08F)

UC 9802 08F proposes two modifications to the existing MIS minor: (a) a change in the prerequisites for the minor and (b) changes in the courses that can be taken to fulfill the requirements of the minor. A discussion of each modification follows.

Current Requirements. The current requirements for a non-business major seeking to minor in management information systems call for the student to (a) meet the same grade point average requirements as students changing their major to pre-business at the time of filing for a minor and (b) satisfy the following three prerequisites:

Prerequisites:

ACCT 2331: Accounting Principles I- Financial

ACCT 2332: Accounting Principles II – Managerial

MIS 3300 – Introduction to Computers and Management Information Systems or COSC 2410 – Computer Organization and Programming.

In addition, the current MIS minor requires a student take the following five courses:

Required Courses For the Minor For Students Other Than Computer Science Majors:

MIS 3370 - Information Systems Development Tools

MIS 3371 - Transactions Processing Systems I

MIS 3376 - Business Database Management Systems

MIS 3380 - Systems Analysis and Design

MIS 4374 - Information Technology Project Management

Required Courses For Computer Sciences Majors:

MIS 3371 - Transactions Processing Systems I

MIS 4374 - Information Technology Project Management

MIS 4379 - Business Systems Consulting

and a minimum of six hours from:

MIS 4371 - Interactive Systems

MIS 4372 - Transactions Processing Systems II

MIS 4478 - Administration of Computer-Based Management Information Systems

Proposed Modifications.

Prerequisite:

Junior Standing.

Requirements For the Minor:

MIS 3380-3360: Systems Analysis and Design

and

four (4) of the following courses:

MIS 3370: Information Systems Development Tools

(prerequisite: Completion of or concurrent enrollment in MIS 3380-3360)

MIS 3371: Transactions Processing Systems I

(prerequisite: Completion of or concurrent enrollment in MIS 3380-3360)

MIS 3376: Business Database Management Systems

(prerequisite: Completion of or concurrent enrollment in MIS 3380-3360)

MIS 4477: Data Communications

(prerequisite: MIS 3380-3360)

MIS 4374: IT Project Management

(prerequisite: MIS ~~3380~~-3360^{*})

MIS 4371: Interactive Programming

(prerequisite: MIS ~~3380~~-3360^{*})

MIS 4372: Transactions Processing II

(prerequisite: MIS 3371)

MIS 4373: Transactions Processing III

(prerequisite: MIS 4372)

MIS 4478: Administration of Computer-Based Management Information Systems

(prerequisites: MIS ~~3380~~ 3360^{*} and senior standing)

MIS 4379: Business Systems Consulting

(prerequisite: Consent of instructor)

MIS 4397: Special Topics

(prerequisite: MIS 4478)

Key to Suggested Courses:

Technical Track

Non-Technical Track

Both Tracks

Discussion of Proposed Modifications.

The faculty in the MIS area feel that the current three-course prerequisite limits the number of students both outside the Bauer College as well as inside the Bauer College who might otherwise consider selecting an MIS minor given the current increasing demand in the marketplace for IT professionals. In addition, like other minors in the College, the faculty in the MIS area feel that adequate preparation for an MIS minor need only be the current Bauer College grade point average requirements for students wishing to minor in business along with Junior Standing. UC 9802 08F reflects these changes. In addition, though students may take any four courses beyond MIS ~~3380~~ 3360^{*}, as shown above the faculty in the MIS area have identified two sets of courses, one representing a more technical track and one representing a more non-technical track. These tracks are for information purposes only.

Committee Recommendation: The Committee supports the Bauer College of Business's proposals in UC 9797 08F, UC9798 08F, UC9799 08F, UC 9800 08F, UC 9801 08F, and UC 9802 08F.

^{*}Since what has been MIS 3380: Systems Analysis and Design now serves as the prerequisite or co-requisite of MIS 3370, 3371, and 3376, in April 2008, the Bauer College faculty approved assigning this course a lower number – MIS 3360. A CBM 003 form requesting this course number change will be submitted to the Degree Programs Committee: CBM 003s later this semester.