DOCUMENTS OF THE GENERAL FACULTY

PROPOSED CHANGES TO THE BBA IN THE SCIENCE AND TECHNOLOGY MANAGEMENT DEGREE PROGRAM IN THE RED MCCOMBS SCHOOL OF BUSINESS CHAPTER IN THE *UNDERGRADUATE CATALOG, 2016-2018*

Dean Thomas W. Gilligan, in the Red McCombs School of Business has filed with the secretary of the Faculty Council the following changes to the *Undergraduate Catalog, 2016-2018*. On February 20, 2015, the faculty representatives from department approved the proposal. On April 16, 2015, the college curriculum committee and the dean approved it. The secretary has classified this proposal as legislation of *exclusive* interest to a single college or school.

The Committee on Undergraduate Degree Program Review recommended approval of the changes on October 7, 2015, and forwarded them to the Office of the General Faculty. The Faculty Council has the authority to approve this legislation on behalf of the General Faculty. The authority to grant final approval on this legislation resides with UT System.

If no objection is filed with the Office of the General Faculty by the date specified below, the legislation will be held to have been approved by the Faculty Council. If an objection is filed within the prescribed period, the legislation will be presented to the Faculty Council at its next meeting. The objection, with reasons, must be signed by a member of the Faculty Council.

To be counted, a protest must be received in the Office of the General Faculty by October 15, 2015.

Hillary Hart, Secretary
General Faculty and Faculty Council

Posted on the Faculty Council website (http://www.utexas.edu/faculty/council/) on October 9, 2015.

PROPOSED CHANGES TO THE BBA IN THE SCIENCE AND TECHNOLOGY MANAGEMENT DEGREE PROGRAM IN THE RED MCCOMBS SCHOOL OF BUSINESS CHAPTER IN THE *UNDERGRADUATE CATALOG, 2016-2018*

Type of Change ☒ Academic Change
☐ Degree Program Change (THECB form required)

Proposed classification ☒ Exclusive ☐ General ☐ Major

1. IF THE ANSWER TO ANY OF THE FOLLOWING QUESTIONS IS YES, THE COLLEGE MUST CONSULT LINDA DICKENS, DIRECTOR OF ACCREDITATION AND ASSESSMENT, TO DETERMINE IF SACS-COC APPROVAL IS REQUIRED.

- Is this a new degree program? Yes ☐ No ☒
- Does the program offer courses that will be taught off campus? Yes ☐ No ☒
- Will courses in this program be delivered electronically? Yes ☐ No ☒

2. EXPLAIN CHANGE TO DEGREE PROGRAM AND GIVE A DETAILED RATIONALE FOR EACH INDIVIDUAL CHANGE:

1. Add OM 334M *Healthcare Operations Management* as accepted to satisfy the OM 335 course requirement.
   Rationale: OM 334M is a course being created for the new Business of Healthcare Certificate. It will cover all the same conceptual requirements as the standard OM 335 class, but will use healthcare case studies and examples in class and homework, as well as emphasizing some topics (e.g. waiting line management), which are relatively more important in a healthcare than in a manufacturing environment. It should be accepted to satisfy OM 335.
1. Remove statement about internship class restriction to MIS and OM.
   Rationale: All internship courses are now offered as BA 353, students will no longer register for MIS 353 or OM 353, or any other specific business major field.
2. Add three new business blocks in Finance, Management Information Systems, and Supply Chain Management, with courses specified in those fields. Restructure the previous business course requirements to a General business block option.
   Rationale: This will allow students to get more depth in business subjects, and to help with more focused career services recruiting, yet keeping the option for the flexibility of choosing any business courses.
3. Change M 427K to M 427J.
   Rationale: Department is changing the course number to M 427J.
4. Change ES 377 to ES 377E.
   Rationale: The original options was for students to take Interdisciplinary Entrepreneurship. However that course has changed numbers to E S 377E. (E S 377 is now *Grand Challenges-21st Century,* which is restricted.)
5. Formatting only: Remove preliminary words preceding listings of nonbusiness and engineering course options. Change how nonbusiness courses are listed.
   Rationale: Make wording and formatting consistent across degree plans.

3. THIS PROPOSAL INVOLVES (Please check all that apply)

☐ Courses in other colleges	☐ Courses in proposer's college that are frequently taken by students in other colleges	☐ Flags
☐ Course in the core curriculum	☐ Change in course sequencing for an existing program	☒ Courses that have to be added to the inventory
☐ Change in admission requirements (external or internal)	☐ Requirements not explicit in the catalog language (e.g., lists of acceptable courses maintained by	

department office)

4. SCOPE OF PROPOSED CHANGE

a. Does this proposal impact other colleges/schools? Yes ☐ No ☒
If yes, then how?

b. Do you anticipate a net change in the number of students in your college? Yes ☐ No ☒
If yes, how many more (or fewer) students do you expect?

c. Do you anticipate a net increase (or decrease) in the number of students from outside of your college taking classes in your college? Yes ☐ No ☒
If yes, please indicate the number of students and/or class seats involved.

d. Do you anticipate a net increase (or decrease) in the number of students from your college taking courses in other colleges? Yes ☐ No ☒
If yes, please indicate the number of students and/or class seats involved.

If 4 a, b, c, or d was answered with yes, please answer the following questions. If the proposal has potential budgetary impacts for another college/school, such as requiring new sections or a non-negligible increase in the number of seats offered, at least one contact must be at the college-level.

How many students do you expect to be impacted?

Impacted schools must be contacted and their response(s) included:

Person communicated with:

Date of communication:

Response:

e. Does this proposal involve changes to the core curriculum or other basic education requirements (42-hour core, signature courses, flags)? If yes, explain: **No**

If yes, undergraduate studies must be informed of the proposed changes and their response included:

Person communicated with:

Date of communication:

Response:

f. Will this proposal change the number of hours required for degree completion? If yes, explain: **No**

5. COLLEGE/SCHOOL APPROVAL PROCESS

Department approval date:	February 20, 2015	Approved by the Departmental Curriculum Committee
College approval date:	April 16, 2015	Approved by the Undergraduate Program Committee (faculty reps from all departments and programs)
Dean approval date:	April 16, 2015	Dean Thomas W. Gilligan

PROPOSED NEW CATALOG TEXT:

Catalogs > Undergraduate > Red McCombs School of Business > Degrees and Programs > Bachelor of Business Administration > Science and Technology Management

SCIENCE AND TECHNOLOGY MANAGEMENT

Science and engineering technology enterprises have a great demand for managers who are not only skilled at business, but who also understand the principles underlying the science, technology, and engineering ventures they must manage. To fill this need, the program of study for the BBA in science and technology management provides a sound foundation in mathematics, in science, and in business, qualifying the student for more advanced study in the management of technological, engineering, and scientific enterprises.

Students work closely with the faculty adviser in the Department of Information, Risk, and Operations Management.

All students must take the courses listed below, with a minimum of forty-eight semester hours in the McCombs School of Business. Prerequisites for all courses are given in this catalog. Other requirements of the Cockrell School of Engineering must also be fulfilled.

The requirements of this program are:

1. The Core Curriculum requirements and the BBA Degree Requirements, with the following specifications:
    a. Students in this program must complete Mathematics 408C (may fulfill the quantitative reasoning flag) and 408D; or 408K (may fulfill the quantitative reasoning flag), 408L, and 408M.
    b. Operations Management 335 or 335H or OM 334M
    [~~c. Students are expected to take one of the following to satisfy the professional internship requirement: Management Information Systems 353 or 366P; Operations Management 353 or 366P. If a student transfers from a different major with credit for another internship or practicum as listed in the BBA Degree Requirements, that class can be counted for this requirement.~~]
2. Operations Management 337 (Topic 5: Project Management)

[~~The following business courses: Accounting 329, Operations Management 337 (Topic 5: *Project Management*), and either Management 374 (may fulfill the writing and independent inquiry flags) or Management Information Systems 375 (may fulfill the writing flag)~~]

3. One of the following four business blocks:
    a. General Business Block: Accounting 329, either Finance 374C or Finance 374S, and either Management 374 (may fulfill the writing and independent inquiry flags) or Management Information Systems 375 (may fulfill the writing and independent inquiry flags), whichever course is not used to fulfill requirement 4 below.
    b. Finance Business Block: Finance 367, Finance 374C or Finance 374S, and one other upper-division Finance course.
    c. Supply Chain Management Business Block: Operations Management 368, 337 (Topic 2: Supply Chain Modeling & Optimization), and one other upper-division O M course.
    d. Management Information Systems Business Block: Three upper-division MIS courses; or Management Information Systems 304 and two upper-division MIS courses.

[~~One of the following courses: Finance 374C or Finance 374S~~]

[~~Three additional hours of business coursework~~]

4. One of the following courses: Management 374 (may fulfill the writing and independent inquiry flags) or Management Information Systems 375 (may fulfill the writing and independent inquiry flags)
5. [~~The following nonbusiness courses: Chemistry 301 (may fulfill the quantitative reasoning flag), and Physics 303K, 303L (both may fulfill the quantitative reasoning flag), 103M, and 103N. The physics sequence also meets part I of the core curriculum science and technology requirement. Chemistry 301 also fulfills part II of the core curriculum science and technology requirement. Mathematics 427K (may fulfill the quantitative reasoning flag)~~] Nonbusiness courses:
    a. Chemistry 301 (may fulfill the quantitative reasoning flag). Chemistry 301 also fulfills part II of the core curriculum science and technology requirement.
    b. Physics 303K, 303L (both may fulfill the quantitative reasoning flag), 103M, and 103N. The physics sequence also meets part I of the core curriculum science and technology requirement.
    c. Mathematics 427J (may fulfill the quantitative reasoning flag)
6. [~~The following engineering~~] Engineering courses:
    a. Engineering Mechanics 306 or Mechanical Engineering 320
    b. Electrical Engineering 302 and 306
    c. One of the following courses: Aerospace Engineering 374K, Mechanical Engineering 375K, or Engineering Studies 377E
7. Additional elective coursework, if necessary, to provide a total of at least 120 semester hours.