



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:

**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?

Note: THECB Semester Credit Hour Change Form required, download from URL:

<http://www.thecb.state.tx.us/reports/DocFetch.cfm?DocID=2419&format=doc>

If yes, explain:

## 5. COLLEGE/SCHOOL APPROVAL PROCESS

Department approval date: December 6, 2016    Approved by whom: STM faculty, dept. chair/assistant chair

College approval date: February 6, 2017    Approved by whom: Undergraduate Program Committee

College approval date:    Approved by whom: all McCombs faculty

Dean approval date:    Approved by whom: Dean Hartzell

### PROPOSED NEW CATALOG TEXT:<sup>4</sup>

- [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 48 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 334M is required.
2. Operations Management 337 (Topic 5: *Project Management*);
3. One of the following four business blocks:
  - a. General Business Block: Accounting 329, either Finance 374C or Finance 374S, and either Management 374 or Management Information Systems 375 (both 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, 338, and one other upper-division O M course;
  - d. Management Information Systems Business Block: Three upper-division Management Information Systems courses; or Management Information Systems 304 and two upper-division Management Information Systems courses.
4. Either Management 374 (may fulfill the writing and independent inquiry flags) or Management Information Systems 375 (may fulfill the writing and independent inquiry flags);

5. Nonbusiness courses:
  1. Chemistry 301 (may fulfill the quantitative reasoning flag); Chemistry 301 also fulfills part II of the core curriculum science and technology requirement;
  2. Physics 303K, 303L (both may fulfill the quantitative reasoning flag), 103M, and 103N; the physics sequence also fulfills part I of the core curriculum science and technology requirement;
  3. Mathematics 427J (may fulfill the quantitative reasoning flag).
6. Engineering courses:
  - a. Engineering Mechanics 306 or Mechanical Engineering 320 or 310T;
  - b. Electrical Engineering 302 and 306;
  - c. One of the following courses: Aerospace Engineering 374K, Mechanical Engineering 375K, or Engineering Studies 377E.
2. Additional elective coursework, if necessary, to provide a total of at least 120 semester hours.

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<sup>1</sup> See <https://facultycouncil.utexas.edu/degree-program-changes> for detailed explanations.

<sup>2</sup> Submit required Texas Higher Education Coordinating Board forms to the provost's office ([lydia.cornell@austin.utexas.edu](mailto:lydia.cornell@austin.utexas.edu)); downloadable from URL <https://facultycouncil.utexas.edu/theCb-forms>

<sup>3</sup> **EXCLUSIVE:** of *exclusive* application and of primary interest only to a single college or school ("no protest" period is *seven calendar days*); **GENERAL:** of *general* interest to more than one college or school (but not for submission to the General Faculty) ("no protest" period is *fourteen calendar days*); *major* legislation must be submitted to the General Faculty for adoption ("no protest" period is *fourteen calendar days*).

<sup>4</sup> The proposed text should be based on the text of the current catalog available at: <http://catalog.utexas.edu/undergraduate/>

**Strike through and replace (with underlines) only the specific language to be changed. Do NOT use track changes, and do not include hyperlinks in the catalog copy.** Submit form electronically to the Office of the General Faculty and Faculty Council at [fc@austin.utexas.edu](mailto:fc@austin.utexas.edu). For questions on completing this section, please contact Victoria Cervantes, [fc@austin.utexas.edu](mailto:fc@austin.utexas.edu), 471-5934 or Brenda Schumann, [brenda.schumann@austin.utexas.edu](mailto:brenda.schumann@austin.utexas.edu), 475-7654.