PROPOSED CHANGES TO THE BACHELOR OF SCIENCE AND ARTS, BIOCHEMISTRY MAJOR, IN THE COLLEGE OF NATURAL SCIENCES SECTION IN THE UNDERGRADUATE CATALOG 2016-2018

Type of Change

☒ Academic Change
☐ Degree Program Change (THECB² 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:

Req #1b: The calculus requirement was changed to require either M 408C or M 408N and 408S.

Rationale: Math 408N and 408S in combination are equivalent to M 408C.

Req #2b: Students will be required to take either CH 353M, Physical Chemistry I for Life Sciences, or 455, Fundamentals of Analytic Chemistry.

Rationale: One of these courses are needed to ensure BSA students are qualified to become practicing biochemists.

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)? No. 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? No. If yes, explain:

5. COLLEGE/SCHOOL APPROVAL PROCESS
Department approval date: March 26, 2015
College approval date:
Dean approval date:

PROPOSED NEW CATALOG TEXT:¹

Biochemistry

Major

1. Mathematics:
   a. Mathematics 408C or 408N and 408S.
   b. Statistics and Data Sciences 328M.
2. Primary science:
   a. Chemistry 301 or 301H, 302 or 302H, and 204.
   b. Chemistry 320M, and 353M or 455.
   c. Biochemistry 339F and 369L.
   d. Two courses chosen from the following: Biochemistry 339J, 339M, 339N, and 370.
3. Secondary science:
   a. Biology 311C, 311D and 325, or Biology 315H and 325H.
   b. One of the following physics sequences:
      ii. Physics 301, 101L, 316, and 116L.
      iii. Physics 303K, 103M, 303L, and 103N.

² Texas Higher Education Coordinating Board.
³ Exclusive: of exclusive application and of primary interest only to a single college or school ("no protest" period is 5 working days); general: of general interest to more than one college or school (but not for submission to the General Faculty) ("no protest" period is 10 working days); major legislation must be submitted to the General Faculty for adoption ("no protest" period is 10 working days).
⁴ The proposed text should be based on the text of the current catalog available at [http://www.utexas.edu/faculty/council/pages/catalog_chgs/catcopy.html](http://www.utexas.edu/faculty/council/pages/catalog_chgs/catcopy.html).
Strike through and replace (with underlines) only the specific language to be changed. Do NOT use “track changes!” For questions on completing this section, please contact Victoria Cervantes, fc@austin.utexas.edu, 471-5936 or Brenda Schumann, brenda.schumann@austin.utexas.edu, 475-7654.