PROPOSED CHANGES TO THE ___BA IN BIOCHEMISTRY__________ DEGREE PROGRAM IN THE
COLLEGE/SCHOOL OF ___NATURAL SCIENCES____________ SECTION IN THE
UNDERGRADUATE CATALOG 2014-2016 or LAW SCHOOL CATALOG 2014-2016

Type of Change  
___ Academic Change  
X  Degree Program Change (THECB\textsuperscript{2} form required)

1. IF THE ANSWER TO ANY OF THE FOLLOWING QUESTIONS IS YES, THE COLLEGE MUST
CONSULT NEAL ARMSTRONG TO DETERMINE IF SACS-COC APPROVAL IS REQUIRED.
- Is this a new degree program? Yes___ No__X_  
- Does the program offer courses that will be taught off campus? Yes___ No__X_  
- Will courses in this program be delivered electronically? Yes___ No__X_

2. EXPLAIN CHANGE TO DEGREE PROGRAM AND GIVE A DETAILED RATIONALE FOR EACH
INDIVIDUAL CHANGE (include page numbers in the catalog where changes will be made):

1. Remove M 408M from the calculus requirement and add SDS 328M.
   **Rationale:** SDS/SSC328M has been added as a requirement and may serve as the third semester of math.

2. Remove CH 328M as an alternative to CH 320M.
   **Rationale:** Students are only required to take one semester of organic chemistry to prepare for BCH 339F and CH 320N is the more appropriate course for biochemistry majors.

3. Remove second-semester organic lecture and organic laboratory requirements.
   **Rationale:** Students are only required to take one semester of organic chemistry to prepare for BCH339F and no longer required to take a second semester of organic chemistry.

4. Remove CH 339K and 339L.
   **Rationale:** Remove two semester order series in favor of a series of courses (BCH339J, 339M, 339N, 370) after a foundational course (BCH339F) to allow students to select courses appropriate for their interests.

5. Add BCH 339F as a requirement.
   **Rationale:** Students will take a foundational course in biochemistry in their sophomore year to prepare them to choose from a modular series of courses that will prepare them for future career goals.

6. Add BCH 339J, 339M, and 339N.
   **Rationale:** Provide modularity for students to select courses with content appropriate for their interests and career goals.

   **Rationale:** With the move of biochemistry courses under the administrative umbrella of the Department of Molecular Biosciences, courses that are biochemistry-specific are being shifted out of the Department of Chemistry. This will aid in tracking budgetary expenditures of course offerings.

8. Remove BIO 365W
   **Rationale:**

Impact statement last modified February 13, 2012.

**Rationale:** Biology course additions will allow students more options to select courses with content appropriate for their interests and career goals.

3. **SCOPE OF PROPOSED CHANGE**
   a. Does this proposal impact other colleges/schools? Yes ____ No ____

   **Will deletion of CH 339K and 339L impact other degree plans across the university? Dean’s office will check.**
   If yes, then how?

   b. Will students in other degree programs be impacted (are the proposed changes to courses commonly taken by students in other colleges)?

   Yes ____ No ____
   If yes, then how?

   c. Will students from your college take courses in other colleges?

   **If 3 a, b, or c was answered with yes:**
   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:

   d. 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:

   e. Will this proposal change the number of hours required for degree completion? If yes, explain:

4. **COLLEGE/SCHOOL APPROVAL PROCESS**
   Department approval date:
   College approval date:
   Dean approval date:

**PROPOSED NEW CATALOG TEXT:**

**BACHELOR OF ARTS, PLAN I**

**Biochemistry**

Biochemistry majors must take either Mathematics 408C and 408D or Mathematics 408N and 408S, and **Statistics and Data Analysis 328M, 408M**; and eight semester hours of physics: either Physics 301, 101L, 316, and 116L; 303K, 103M, 303L, and 103N; or 317K, 117M, 317L, and 117N.

**Major:** Chemistry 301 or 301H, 302 or 302H, 204 or 317; **either 128K, 128L, 328M, and 328N, or 210C, 220C, 320M, and 320N, 339K, 339L, 353 or 353M, 455, 369L, and 370** and Biochemistry 339F and 369L.

**Choose two additional courses from the following:** Biochemistry 339J, 339M, 339N, and 370.

**Minor for biochemistry majors:** Either Biology 311C, 311D, and 325 or Biology 315H and 325H; six additional semester hours in biology, three of which are chosen from Biology 328, 339, 345, 361T, 365R or 371M, and 365S; and three additional hours chosen from the preceding list or from Biology 320, **325T, 226L** and either 326M or 326R, **327D, 330, 331L, 335, 336, 339M, 344, 346, 347, 349, 360K, 361 and 377 365W.**
Students must earn a grade of at least C- in each mathematics and science course required for the degree, and a grade point average in these courses of at least 2.00.

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1 See [http://www.utexas.edu/provost/planning/cat_change/UnderGrad.html](http://www.utexas.edu/provost/planning/cat_change/UnderGrad.html) for detailed explanations.

2 Texas Higher Education Coordinating Board.

3 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 Anita Ahmadi, fc@Austin.utexas.edu, 471-5936 or Brenda Schumann, brenda.schumann@austin.utexas.edu, 475-7654.