PROPOSED CHANGES TO THE BACHELOR OF ARTS, WITH A MAJOR IN BIOCHEMISTRY, DEGREE PROGRAM IN THE COLLEGE OF NATURAL SCIENCES SECTION 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:

Deletion of the Biochemistry major.

Rationale: Very few students are using this degree plan and it is anticipated that most students who followed the BA in Biochemistry degree plan will matriculate in the BSA Biochemistry degree plan. Recent data support this:

<table>
<thead>
<tr>
<th>Academic Years</th>
<th>BA, Biochemistry major</th>
<th>BSA, Biochemistry major</th>
<th>BS in Biochemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enrolled</td>
<td>Degrees Awarded</td>
<td>Enrolled</td>
</tr>
<tr>
<td>109 through 116</td>
<td>17</td>
<td>17</td>
<td>0</td>
</tr>
<tr>
<td>119 through 126</td>
<td>13</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>129 through 136</td>
<td>12</td>
<td>11</td>
<td>0</td>
</tr>
<tr>
<td>139 through 146</td>
<td>12</td>
<td>13</td>
<td>0</td>
</tr>
<tr>
<td>149 through 152</td>
<td>7</td>
<td>6**</td>
<td>295</td>
</tr>
</tbody>
</table>

* Bachelor of Science and Arts (BSA) published first in the 2014-16 catalog, effective Fall 2014
** includes spring graduation candidates

For students claiming the 2014-16 catalog, the BA degree with a major in Biochemistry will be available through August 2022. The courses in biochemistry, biology, and chemistry taken for the BA Biochemistry major are also required for the BS and BSA degrees in the same fields of study, ensuring that course availability will not be an issue.

3. THIS PROPOSAL INVOLVES (Please check all that apply) ☑ Not applicable

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

Degree Program Impact Statement revised on 9/30/14 8:07 AM.
4. SCOPE OF PROPOSED CHANGE
   a. Does this proposal impact other colleges/schools?  Yes □ No ☒

   b. Do you anticipate a net change in the number of students in your college?  Yes □ No ☒

   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 ☒

   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 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:
   College approval date:
   Dean approval date:

PROPOSED NEW CATALOG TEXT:¹

Biochemistry

In addition to the requirements below, biochemistry majors must take either Mathematics 408C and 408D or Mathematics 408N, 408S, and Statistics and Data Sciences 328M; 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

1. Chemistry 301 or 301H
2. Chemistry 302 or 302H
3. Chemistry 204 or 217
4. Chemistry 320M
5. Chemistry 352 or 353M
6. Chemistry 455
7. Biochemistry 339F
8. Biochemistry 369L
9. Two of the following courses:
   - Biochemistry 339J
   - Biochemistry 339M
   - Biochemistry 339N
   - Biochemistry 370

Minor

Either Biology 311C, 311D, and 325 or 315H and 325H; six additional semester hours in biology, three of which are chosen from Biology 328, 339, 345, 361T, Neuroscience 365R or Biology 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, 377 and Neuroscience 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 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.