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

Type of Change¹  ☒ Academic Change
☐ Degree Program Change (THECB² form required)

Proposed classification²  ☒ 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:

No reasons provided by the faculty. Will need to be filled in for legislation to be forwarded beyond college.

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:

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:

5. COLLEGE/SCHOOL APPROVAL PROCESS

Department approval date:
College approval date:
Dean approval date:

PROPOSED NEW CATALOG TEXT:

Biology

Major

1. Mathematics: 7 to 11 hrs
   a. Mathematics 408C, 408R, or 408N and 408S.
   b. Statistics and Data Sciences 328M.

2. Primary science: 12 to 15 hrs
   a. Biology 206L or 208L; 311C, 311D, and 325, or 315H and 325H.
   b. One of the following: Biology 320 or 344.
   c. One of the following: Biology 370 or 373.

   d. Complete one course from each of the following:
      13 to 18 hrs


   i. Nine additional semester hours, including three hours each from three of the four following areas. Courses used to satisfy requirement b or c may not also be used to satisfy requirement d. Of the nine semester hours chosen, at least one approved laboratory course must be completed. These courses are marked with an asterisk. Biology 377 may count with approval of the undergraduate adviser.


3. Secondary science: 12 hrs

a. Chemistry 301 or 301H, 302 or 302H, and 204.

b. Complete one of the following: Six additional semester hours of majors level coursework chosen from astronomy, biology, chemistry, computer science, environmental science, geological sciences, mathematics, marine science, neuroscience, nutrition, public health, physics, statistics and data sciences, and systems biology.

   i. Physics 317K and 117M (recommended)
   ii. Physics 303K and 103M
   iii. Physics 301 and 101L

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1 See 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. 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.