PROPOSED CHANGES TO THE BS IN BIOLOGY, INTEGRATIVE BIOLOGY, IN THE COLLEGE OF NATURAL SCIENCES SECTION IN THE UNDERGRADUATE CATALOG 2018-2020

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 SACSCOC APPROVAL IS REQUIRED.
   • Is this a new degree program?  Yes ☐ No ☒
   • Is this program being deleted?  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:
   Option 2, Human Biology, and Option 10, Computational Biology: Remove BIO 323L from list of approved labs.
   Reason: Department of Molecular Biosciences is unsure when course will be offered again. Students who might have taken BIO 323L will be absorbed into the other lab course options.

   Option 10, Computational Biology: Remove M 362K from a list of approved courses in requirement 5.
   Reason: M 362K and SDS 321 are in a duplicate relationship. Students can count only 1 of the courses. In requirement 5, students are instructed to complete either M 362K or SDS 321. In requirement 6, M 362K is in an approved list of choices. Due to the duplicate relationship, students cannot apply M 362K toward requirement 6.

   Option 10, Computational Biology: Remove NEU 365R.
   Reason: Deleted from the course inventory effective Fall 2016.

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 ☒
   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 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?
   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: February 20, 2017  Approved by whom: Claus Wilke, Chair, Dept of Integrative Biology (Options 2 and 10)
   College approval date: September 9, 2017  Approved by whom: Course and Curriculum Committee
   Dean approval date:  Approved by whom:

PROPOSED NEW CATALOG TEXT:

Option II: Human Biology

5. Chemistry 320M, 320N, 220C

6. Biochemistry 369 or 339F
7. Biology 346
10. Three hours from ecology, environment, and health: Biology 326R, 327D, 329, 330, 361, 364, Nutrition 306 or 312
11. Four hours from physiology and anatomy: Biology 446L, 365S and 165U, 478L
13. Enough additional coursework to make a total of 120 semester hours
Option X: Computational Biology

5. Statistics and Data Sciences 329C or Mathematics 340L or 341; Mathematics 362K or Statistics and Data Sciences 321; and Statistics and Data Sciences 348


8. Six hours chosen from any of the following courses:


10. Nine hours of additional upper-division biochemistry, biology, chemistry, marine science, mathematics, physics, and statistics and data sciences

11. Enough additional coursework to make a total of 120 semester hours

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1 See https://facultycouncil.utexas.edu/degree-program-changes for detailed explanations.
2 Submit required Texas Higher Education Coordinating Board forms to the provost’s office.
3 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: major legislation must be submitted to the General Faculty for adoption ("no protest" period is fourteen calendar days).