PROPOSED CHANGES TO THE BACHELOR OF ARTS DEGREE PROGRAM IN THE COLLEGE/SCHOOL OF NATURAL SCIENCES SECTION IN THE UNDERGRADUATE CATALOG 2014-2016

Type of Change: Degree Program Change

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? No.
   • Does the program offer courses that will be taught off campus? No
   • Will courses in this program be delivered electronically? No

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 CH 369.
      Rationale: Molecular Biosciences did not know the course number for its new course when the BSA was first presented. Chemistry 369 is for non-majors and was never intended to count on this degree.
   2. Add BCH 339F.
      Rationale: Redesign of the curriculum to provide a foundational course BCH 339F and then select modules for further study (BCH339J, 339M, 339N, 370).
   3. 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.
      Rationale: Provide modularity for students to select courses with content appropriate for their interests.
   5. Change CH 369L and CH 370 to BCH 369L and BCH 370.
      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.

3. SCOPE OF PROPOSED CHANGE
   a. Does this proposal impact other colleges/schools? No. Yes? Need to check on how deletion of 339K and 339L impact other degrees if any across campus. 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)? No
      If yes, then how?
   c. Will students from your college take courses in other colleges? Yes.

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:

Impact statement last modified February 13, 2012.
d. Does this proposal involve changes to the core curriculum or other basic education requirements (42-hour core, signature courses, flags)? No

e. Will this proposal change the number of hours required for degree completion? No

4. COLLEGE/SCHOOL APPROVAL PROCESS
Department approval date: September 10, 2013
College approval date:
Dean approval date:

Bachelor of Science and Arts

Majors

Biochemistry
1. Mathematics: 7
   a. Mathematics 408C or 408N.
   b. Statistics and Data Analysis 328M.
2. Primary science: 8
   a. Chemistry 301 or 301H, 302 or 302H, and 204.
   b. Chemistry 320M.
   c. Biochemistry 339F and Chemistry 369 and 369L.
   d. Two courses chosen from the following: Chemistry 339K, Biochemistry 339J, 339L, 339M, 339N, 370.
3. Secondary science: 9
   a. Biology 311C, 311D and 325, or Biology 315H and 325H.
   b. One of the following physics sequences. Physics 317K, 117M, 317L, and 117N are recommended.
      i. Physics 317K, 117M, 317L, and 117N.
      ii. Physics 301, 101L, 316, and 116L.
      iii. Physics 303K, 103M, 303L, and 103N.

Total 50