PROPOSED CHANGES TO THE BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCE IN THE COLLEGE OF NATURAL SCIENCES IN THE UNDERGRADUATE CATALOG 2016-2018

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 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:

   Remove Department of Molecular Biosciences.

   **Rationale:** The College of Natural Sciences is discussing whether to move the BS in Medical Laboratory Science to the School of Human Ecology since the clinical education director is taking a position within that school. This has not been formally determined. It is appropriate to eliminate departmental/school references until a final decision is made.

   Update introductory paragraph of degree and capitalize Medical Laboratory Scientist.

   **Rationale:** The updates reflect changes to national certification requirements. Certification documents capitalize Medical Laboratory Scientist. Please retain capitalization in this particular instance.

   Requirement 6: Remove BIO 337 and 353, and replace with PBH 323, CS 303E, or MIS 302F.

   **Rationale:** The 2 biology courses are part of the Health Informatics Technology program. Reducing the requirement to 1 course corrects an error in previous catalogs. Students may take CS 303E or MIS 302F as an alternative to PBH 323. Currently, PHB 323 is not in enough regular rotation to require the course with no alternatives.

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)
   ☐ PBH 323

4. SCOPE OF PROPOSED CHANGE

   a. Does this proposal impact other colleges/schools?  Yes ☑  No ☐
      If yes, then how? Addition of MIS 302F.

   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. 10 seats per year in MIS 302F.

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? 5 seats per year in MIS 302F.

Impacted schools must be contacted and their response(s) included: McCombs School of Business
Person communicated with: Regina Hughes, director, Business Foundations Program
Date of communication: September 22, 2015
Response: Certainly, add MIS302F. It’s a great info systems class with very good instructors.

e. Does this proposal involve changes to the core curriculum or other basic education requirements (42-hour core, signature courses, flags)? If yes, explain: No.

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: No.

5. COLLEGE/SCHOOL APPROVAL PROCESS

Department approval date: August 12, 2015
College approval date: September 23, 2015
Dean approval date: September 28, 2015, David Vanden Bout, Associate Dean

PROPOSED NEW CATALOG TEXT:

Bachelor of Science in Medical Laboratory Science

The student preparing for a career in medical laboratory science completes at least one hundred hours of academic work at the University. After this work is completed, the student enters an accredited school of medical laboratory science (or clinical laboratory science) for an additional twelve to sixteen months of clinical education. After completion of this education, the student is awarded the Bachelor of Science in Medical Laboratory Science and is eligible for to take the national certifying examinations certification examination administered by the American Society for Clinical Pathology (ASCP) Board of Certification (BOC). Successful completion of these exams this exam results in national certification as a Medical Laboratory Scientist, medical laboratory scientist.

The purpose of this degree program is to meet the increasing demand for laboratory professionals in hospital and clinic laboratories, research, industry, public health, education, and laboratory management. Medical laboratory science is also an excellent foundation for graduate study in medicine, dentistry, management, education, and other disciplines.

Prescribed Work

All students pursuing an undergraduate degree must complete the University’s Core Curriculum. In addition, students seeking the Bachelor of Science in Medical Laboratory Science must complete the following degree-level requirements. In some cases, courses that fulfill degree-level requirements also meet the requirements of the core.

1. Two courses with a writing flag. One of these courses must be upper-division.
2. One course with a quantitative reasoning flag.

Courses with flags are identified in the Course Schedule. They may be used simultaneously to fulfill other requirements, unless otherwise specified.

3. One of the following foreign language/culture choices:
   a. Second-semester-level proficiency, or the equivalent, in a foreign language.
   b. First-semester-level proficiency, or the equivalent, in a foreign language and a three-semester-hour course in the culture of the same language area.
   c. Two three-semester-hour courses in one foreign culture area; the courses must be chosen from an approved list available in the dean’s office and the college advising centers.

4. Mathematics 408C or 408N, and Statistics and Data Sciences 304 or 328M.
5. Either Biology 311C, 311D, and 325 or Biology 315H and 325H.
7. Chemistry 301 or 301H, 302 or 302H, 204, 220C, 320M, 320N, and Biochemistry 369.
9. Enough additional elective coursework, if necessary, to make a total of at least 100 semester hours of academic work completed at the University before the clinical education program.
10. Twelve to sixteen months of clinical education in a program of medical laboratory science (or clinical laboratory science) accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). The student must apply to and be accepted into a clinical education program. The faculty adviser in the Department of Molecular Biosciences and the clinical education program director works closely with each student to ensure his or her success in the program. Upon completion of the clinical education program, the student must submit a letter from the program director verifying completion of coursework and a transcript showing grades in all courses in the program to The University of Texas at Austin, Office of the Dean, College of Natural Sciences, 1 University Station G2500, Austin TX 78712. To be counted toward the degree, the coursework must be approved by the faculty adviser for medical laboratory science in the Department of Molecular Biosciences and the dean. None of the coursework completed in the clinical education program may be used to fulfill in-residence degree requirements, requirements 1 through 9 of the prescribed work above, or the requirements for a second bachelor’s degree.

**Special Requirements**
[no changes]

**Order and Choice of Work**
[no changes]
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 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 legislation must be submitted to the General Faculty for adoption ("no protest" period is fourteen calendar days).
4 The proposed text should be based on the text of the current catalog available at http://www.utexas.edu/faculty/council/2014-2015/uc_change/UG_catalog_02.16.15.docx.

**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, 471-5934 or Brenda Schumann, brenda.schumann@austin.utexas.edu, 475-7654.