

DOCUMENTS OF THE GENERAL FACULTY

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

Dean Linda A. Hicke in the College of Natural Sciences has filed with the secretary of the Faculty Council the following changes to BS in Medical Science Laboratory Sciences in the College of Natural Sciences chapter in the *Undergraduate Catalog, 2016-2018*. On August 12, 2015, the faculty representatives from department approved the changes, and on September 23 the college curriculum committee approved them. On September 28, 2015, Associate Dean David Vanden Bout approved the proposal on behalf of the dean. The secretary has classified this proposal as legislation of *general* interest to more than one college or school.

The Committee on Undergraduate Degree Program Review recommended approval of the changes on October 18, 2015, and forwarded them to the Office of the General Faculty. The Faculty Council has the authority to approve this legislation on behalf of the General Faculty. The authority to grant final approval on this legislation resides with UT System.

If no objection is filed with the Office of the General Faculty by the date specified below, the legislation will be held to have been approved by the Faculty Council. If an objection is filed within the prescribed period, the legislation will be presented to the Faculty Council at its next meeting. The objection, with reasons, must be signed by a member of the Faculty Council.

To be counted, a protest must be received in the Office of the General Faculty by December 11, 2015.



Hillary Hart, Secretary
General Faculty and Faculty Council

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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:

1. 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.

2. 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.

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

Rationale: The two biology courses are part of the Health Informatics Technology program. Reducing the requirement to one 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)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Courses in other colleges | <input type="checkbox"/> Courses in proposer's college that are frequently taken by students in other colleges | <input type="checkbox"/> Flags |
| <input type="checkbox"/> Course in the core curriculum | <input type="checkbox"/> Change in course sequencing for an existing program | <input checked="" type="checkbox"/> Courses that have to be added to the inventory, PBH 323 |
| <input type="checkbox"/> Change in admission requirements (external or internal) | <input type="checkbox"/> 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? 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. Ten 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? Five 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.
6. Biology 226L, 326M, 330 or 446L, [~~353, 337~~ (Topic: *Fundamentals of Health Information Technology*),] 344 or 366R, 360K, 160L, 361, 361L, and 365S.
7. Chemistry 301 or 301H, 302 or 302H, 204, 220C, 320M, 320N, and Biochemistry 369.
8. Computer Science 303E, Management and Information Systems 302F, or Public Health 323.
9. [~~8-~~] 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. [~~9-~~] 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 [~~8~~] 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}