

## Clinical Laboratory Sciences

- h. *Revisions to the general Medical Technology Program description in the catalog are being requested along with changes to the major in Medical Technology. The changes to the portion on the Clinical Laboratory Sciences major are below.*

*What follows is the proposed catalog copy. It is revised from what was submitted in spring of 2002 by the following:*

- The admissions requirements are different than what was proposed in spring 2002. More courses than those proposed will be required for admissions consideration, but this list is smaller than what is in the current Academic Programs. Also, a statement about special consideration of individuals not meeting the requirement has been deleted.*
- The Academic Standards portion has been deleted. The University regulations on academic progress and graduation will be used.*

### Clinical Laboratory Sciences Major

The clinical laboratory sciences (CLS) major is designed to prepare students for national certification in clinical laboratory science/medical technology and immediate employment in a medical laboratory upon graduation. The program includes courses in the biomedical laboratory sciences, management, education, mathematics and statistics, and clinical laboratory sciences coupled with a clinical practicum experience. Admission to this program is limited. Students seeking admission must complete the admission procedure outlined below. The Bachelor of Science degree program in clinical laboratory sciences has been accredited by the National Accrediting Agency for Clinical laboratory Sciences, 8410 West Bryn Mawr Avenue, Suite 670, Chicago, Illinois 60631.

#### Admission as a Junior

Enrollment in the clinical laboratory sciences major is limited. A new class is admitted at the junior level each academic year. Students beyond junior standing may be considered for admission contingent upon the projected schedule for completion of the degree requirements and availability of clinical placement sites. Applications for admission are accepted at any time.

To be considered for admission, the applicant must meet the following minimal criteria, in addition to the College of Natural Science admission requirements:

1. Have an overall grade-point average of 2.50 or better including courses taken at other institutions.
2. Have completed the following courses:
  - a. Biological Science 111, 111L

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- b. Chemistry 251, 252
- c. Medical Technology 213

Students may apply before attainment of the above criteria in order to demonstrate their intentions to major in clinical laboratory sciences, however their applications will not be processed until all requirements are achieved.

Applications for admission to the clinical laboratory sciences major are reviewed by a committee of the faculty. Factors considered by the Admission Committee in the applicant's review and admission action are (1) academic record including grade-point averages in science and non-science courses, (2) grades for selected preclinical courses, (3) laboratory science exposure, (4) interview, and (5) compositions.

### Requirements for the Bachelor of Science Degree in Clinical Laboratory Science

1. A minimum of 136 credits is required for the Bachelor of Science degree in Clinical Laboratory Sciences.
2. The University requirements for bachelor's degrees as described in the *Undergraduate Education* section of this catalog;  
The University's Tier II writing requirement for the Clinical Laboratory Sciences major is met by completing Medical Technology 455. That course is referenced in item 4.b. below.  
Students who are enrolled in the College of Natural Science may complete the alternative track to integrative Studies in Biological and Physical Sciences that is described in item 1 under the heading *Graduation Requirements* in the College statement. Certain courses referenced in requirement 4 below may be used to satisfy the alternative track.

3. The requirements of the College of Natural Science for the Bachelor of Science degree.

The credits earned in certain courses referenced in requirement 4, below may be counted toward College requirements as appropriate.

4. The following requirements for the major:

a. Courses outside Medical Technology.....45 or 46 credits

- (1) All of the following courses (39 credits)

BMB 401 Basic Biochemistry.....	4
BS 111 Cells and Molecules.....	3
BS 111L Cell and Molecular Biology Laboratory..	2
CEM 141 General Chemistry.....	4

Insert ①

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To be considered for admission, the applicant must meet the following minimal criteria, in addition to the College of Natural Science admission requirements:

1. Have an overall grade-point average of 2.50 or better including courses taken at other institutions.
2. Have completed Biological Science 111 and 111L; Chemistry 251 and 252; and Medical Technology 213.

Students may apply before attainment of the above criteria in order to demonstrate their intentions to major in clinical laboratory sciences, however their applications will not be processed until all requirements are fulfilled. Students who present other exceptional credentials but do not meet the grade-point criterion noted above may be considered for admission on a probationary basis.

Applications for admission to the clinical laboratory sciences major are reviewed by a committee of faculty. Factors considered by the Admission Committee in the applicant's review and admission action are (1) academic record including grade-point averages in science and non-science courses, (2) grades for selected preclinical courses, (3) laboratory science exposure, (4) interview, and (5) compositions.