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# Pre-Medical Technology



Clinical or medical technologists deal with the analysis of specimens that are critical to the diagnosis and treatment of diseases. They perform a variety of physical, chemical and microscopic analyses of body fluids and tissues using microscopes, chemicals, computers and complex laboratory equipment. Two types of educational programs are available in Kentucky. Accredited four year programs include clinical instruction in their curricula. Three-plus-one programs involve three years of pre-professional education at a university followed by completion of a one year medical technology program at a hospital or medical center. Students completing both programs earn a bachelors degree. Admission into a hospital medical technology program is very competitive and completion of the pre-professional program does not guarantee acceptance.

Campbellsville University has a three-plus-one agreement with Owensboro Medical Health System. Students interested in medical technology major in biology with a minor in chemistry. The prerequisites for medical technology are completed during the first three years of study. During the fourth year (a full 12 months), students take courses at the Owensboro Medical Health System. After successful completion of this program, the student receives a B.S. degree from Campbellsville University and a Certificate of Medical Technology from the school of medical technology that they attended. Once the degree has been completed, the student may take the Registry of Medical Technologists and become certified by the American Society of Clinical Pathologists.

## **APPLICATION DEADLINES:**

*Owensboro Medical Health System*

Fall Admissions only                      Dec. 15

*University of Kentucky*

Fall Admission                                      Apr. 1

(Additional requirements included 1 semester of Anatomy and Physiology and 1 semester of quantitative statistics)

In addition, two letters of recommendation from professors, one of whom must have taught the applicant in a science course, and a personal statement explaining the applicant's interest in medical technology is required.

## **For more information contact:**

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*revised 7/2016*

## Program of Study

### First Year

#### Fall Semester

General Chemistry I	3
General Chemistry Laboratory I	1
Biological Concepts	4
College Algebra	3
English Composition I	3
Freshman Year Experience	1
Physical Education Activity	1
CIS General Ed.	<u>3</u>
	19

#### Spring Semester

General Chemistry II	3
General Chemistry Laboratory II	2
General Biology I (Zoology)	4
Trigonometry <b>OR</b>	
Introductory Calculus	3
Social Science General Ed.	3
First Year Seminar II	1
English Composition II	<u>3</u>
	18

### Second Year

#### Fall Semester

Organic Chemistry I	3
Organic Chemistry Laboratory I	1
General College Physics I and Lab	5
General Biology II (Botany)	4
History or World Civilization	3
Introduction to Physical Activity	<u>2</u>
	18

#### Spring Semester

Organic Chemistry II	3
Organic Chemistry Laboratory II	2
General College Physics II and Lab	5
Microbiology	5
Social Science General Ed.	<u>3</u>
	18

### Third Year

#### Fall Semester

Analytical Chemistry	4
Biology - Elective	3
Social Science General Ed.	3
Christian Studies General Ed.	3
Literature General Ed.	3
Fine Arts General Ed.	<u>2</u>
	18

#### Spring Semester

Biochemistry <b>OR</b>	
Instrumental Analysis	4
Immunology	3
Social Science - Elective	3
Christian Studies General Ed.	3
Fine Arts General Ed.	2
Communications General Ed.	<u>3</u>
	18

### Fourth Year (Owensboro Medical Health System)

#### Fall Semester

Bacteriology	3
Microbiology Laboratory	1
Urinalysis	2
Chemistry	6
Immunochemistry	5
Urine-Coagulation-Serology Lab	1
Hematology	<u>1</u>
	19

#### Spring Semester

Microbiology Laboratory	1
Chemistry	2
Immunochemistry	1
Hematology and Coagulation	6
Urine-Coagulation-Serology Lab	1
Serology	4
Mycology and Parasitology	<u>3</u>
	17

## CAMPBELLSVILLE UNIVERSITY

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