

The University of
KANSAS



KU'S MAIN CAMPUS IN LAWRENCE

► **THE SCHOOL OF ALLIED HEALTH.** KU has one of the largest schools of allied health in the Midwest in number of programs, number of graduate students, and total enrollment. You will receive a top-notch education that will prepare you for a career in the dynamic and growing health care professions. The combination of the school's excellent reputation and the quality of your program provides an edge in the job market.



OUTSTANDING PROGRAMS



KU MEDICAL CENTER IN KANSAS CITY



STUDY ABROAD

► **PREPARATION FOR CERTIFICATION.** You must have a bachelor's degree to be eligible to earn national certification as a cytotechnologist. A B.S. degree from KU will give you a competitive advantage, because KU is the only school in Kansas, and one of only 46 schools nationwide, to offer a cytotechnology program.



UNDERGRADUATE RESEARCH



Breadth of Education



EXCELLENT FACULTY AND STUDENTS



UNDERGRADUATE STUDY

Cytotechnology

Is cytotechnology for me? To find out, you should ask yourself: Do I enjoy solving problems? Do I like challenge and responsibility? Can I communicate well, both in writing and in speaking? Am I fascinated by science? Would I enjoy working in a laboratory setting? Do I set high standards for myself and expect high quality in the work that I do? Do I work well under pressure? Am I able to finish tasks once I start them?

What is cytotechnology? Cytotechnology is the study of human cells under a microscope to detect the early signs of cancer and other diseases. Cytotechnologists do this by tracing the clues to disease in the cytoplasm and nuclei of cells that have been stained with special dyes.

Abnormalities in the color, shape, or size of the cytoplasm or nuclei can indicate the presence of disease. If abnormal cells are present,

the cytotechnologist works with a pathologist to arrive at a final diagnosis.

What degree is offered? The School of Allied Health at KU offers a Bachelor of Science (B.S.) degree in cytotechnology.

The four-year program consists of three years of preparatory work on the KU Lawrence campus and one year of professional work at the University of Kansas Medical Center in Kansas City, Kansas.

How do I get into the program? After you have completed two years of preparatory study, you should contact the Department of Cytotechnology to get an application for admission.

Applications for the fall semester are due by March 1 of the year you wish to enter the program, so you should do this during your third year, or the year that you plan to complete the 90 hours of preparatory study.

The cytotechnology program is also open to students who have B.A., B.S., or B.G.S. degrees if they have completed all of the prerequisites.

The minimum entry requirements to the professional program are three years (90 credit hours) of preparatory work, an

overall grade-point average of 2.3, and a grade-point average of 2.5 in biology, chemistry, and mathematics. Along with the application, you must include a college transcript and two letters of recommendation.

Also, before entering the program, you will be required to go through an interview with the department.

In addition, you will be required to take a physical examination and a color-blindness test.

What will my student workload be like?

You will need a minimum of 124 credit hours including 38 hours in the cytotechnology program to earn your degree and be eligible to sit for the CT (ASCP) registry examination.

Most students take about 17 credit hours, or five courses, a semester.

During your first three years you will concentrate on completing the prerequisites needed to enter the professional program. This will include classes in biology, chemistry, mathematics, English, communications, western civilization, humanities, and social sciences.

During your last year at the Medical Center, you will finish the 38 credit hours of professional study. Besides class work, you will also get hands-on experience in a laboratory setting.

Can I get a scholarship? The department has no specific scholarships.

For information about scholarships based on academic merit, diversity, major, and residence, write or call the University of Kansas, Office of Admissions and Scholarships, KU Visitor Center, 1502 Iowa St., Lawrence, KS 66045-7576, (785) 864-3911, www.admissions.ku.edu.

For information about grants, loans, and need-based financial aid, write or call the University of Kansas, Office of Student Financial Aid, Strong Hall, 1450 Jayhawk Blvd., Room 50, Lawrence, KS 66045-7535, (785) 864-4700.

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Photography by University Relations staff: R. Steve Dick, Kelly Heese, Doug Koch, David McKinney, and Elissa Monroe. Study abroad photo by Ted Noravong. Drawing of Spooner Hall courtesy of School of Architecture and Urban Design.

Students enrolling at KU Medical Center should contact the Office of Student Financial Aid, 4008 Student Center, Mail Stop 4005, KU Medical Center, 3901 Rainbow Blvd., Kansas City, KS 66160, (913) 588-5170.

The deadline for financial aid applications is May 1.

What can I do with a cytotechnology degree?

After you graduate, you will be eligible to sit for the national certification examination administered by the Board of Registry of the American Society of Clinical Pathologists.

If you pass the examination, you will be able to use the initials, CT (ASCP), after your name. This will enable you to work anywhere that cytotechnologists are needed.

Traditionally, cytotechnologists work in hospital settings. However, the job



Sharon Harbauer/KU University Relations

Marilee Means

market is expanding to include laboratories, clinics, public health facilities, and business and industry.

What if my interests change after I come to KU?

Maybe you would like to pursue a degree from another department in the School of Allied Health, such as clinical laboratory sciences, health information management, occupational therapy, or respiratory care.

As a first-year student in cytotechnology, your schedule may look something like this:

First semester	Hours
ENGL 101 Composition	3
MATH 101 Algebra	3
CHEM 184 Foundations of Chemistry I	5
BIOL 100 Principles of Biology	3
Social science elective	3
TOTAL	17
Second semester	Hours
ENGL 102 Composition and Literature	3
CHEM 188 Foundations of Chemistry II	5
BIOL 300 Human Anatomy Lecture or BIOL 305 Principles of Human Physiology	3
Humanities elective	3
Other elective	3
TOTAL	17

Maybe you would be interested in a degree in another health-care field, such as medicine or nursing. You may even decide to earn a degree in a pure science, such as chemistry, biology, or microbiology.

Whatever you decide, KU has hundreds of programs available. You will spend your first three years preparing for the cytotechnology program in KU's College of Liberal Arts and Sciences on the Lawrence campus, where you will take

courses in many subjects. One of them will lead you toward a major and a career.

Where can I get more information? For further information about cytotechnology study, write or call Program Director, Cytotechnology Program, 1600 the University of Kansas Hospital, Mail Stop 1045, KU Medical Center, 3901 Rainbow Blvd., Kansas City, KS 66160, (913) 588-1175, www.kumc.edu/SAH/cytotech.



David McKinney/KU University Relations

Cytotechnologists play an important role in the diagnosis and follow-up treatment of cancer patients.

Why should I choose KU's cytotechnology program?

► **YOUR OVERALL EDUCATION.** The overall quality and breadth of your education is one great reason for coming to KU. KU's faculty and variety of courses, both in Lawrence and at the Medical Center in Kansas City, Kansas, have attracted national attention. The College of Liberal Arts and Sciences offers hundreds of courses and has excellent teachers.

► **KU ENRICHMENT.** You will meet many international students and teachers who bring a cultural richness to campus and who will introduce you to the diverse viewpoints and customs so important to your undergraduate education. Internationally known speakers and researchers visit each year. Concerts and shows in KU's Lied Center Series bring many of the finest national and international performers to the Lawrence campus. You will meet people whose diverse traditions and cultures will broaden your experiences. KU's proximity to Kansas City adds big-city advantages to the small-town atmosphere of Lawrence.

If you would like information on other majors at KU, contact the University of Kansas, Office of Admissions and Scholarships, KU Visitor Center, 1502 Iowa St., Lawrence, KS 66045-7576. Telephone (785) 864-3911; fax: (785) 864-5017. E-mail: adm@ku.edu Web site: www.admissions.ku.edu

The University of Kansas prohibits discrimination on the basis of race, color, religion, sex, national origin, age, ancestry, disability, veteran status, sexual orientation, marital status, and parental status.

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Sharon Harbauer/KU University Relations

Cytotechnology students use the latest liquid-based preparation techniques in the laboratory.



Sharon Harbauer/KU University Relations

Educational Coordinator Marilee Means teaches characteristics of cancer cells with a multi-headed microscope.