Starring YOU as a Medical Laboratory Scientist.

About your leading role

What is a Medical Laboratory Scientist?

A Medical Laboratory Scientist (formerly clinical laboratory scientist or medical technologist) is an integral part of the health care team. Medical laboratory practitioners use sophisticated instrumentation and technology to perform laboratory testing on blood and body fluids providing vital laboratory information that assists in patient diagnosis and treatment, as well as disease monitoring or prevention. For example, these test results may be used to detect cancer, heart attacks, diabetes, bacteria and viruses, as well as drug abuse.

About the Program

Started in 1933, Medical Laboratory Science (MLS) is the oldest program in the UK College of Health Sciences. Graduates of the MLS program are awarded a Bachelor of Health Science degree in Medical Laboratory Science after completing the 18-month curriculum. The MLS program is accredited through 2017 by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). Graduates are eligible to take the Board of Certification (BOC) examination.

See back for more info on the Medical Laboratory Science Program.
Paths to a Degree in MLS

First Degree Students (UK and transfer students)
After completing general education and pre-requisite requirements, you will complete your Medical Laboratory Science major coursework in just 18 months. Starting the fall after admission to the MLS major, you complete three semesters (fall, spring and summer session I) of classroom and laboratory courses. You then spend the second summer session and following fall semester in approved clinical rotations. Students may attend MLS classes at UK’s Lexington campus or at the Center of Excellence in Rural Health in Hazard, KY.

Second Degree Students (UK and transfer students)
If you have already completed a bachelor’s degree and all pre-requisite courses, you can earn a second bachelor's degree in Medical Laboratory Science in just 18 months. Once admitted, you complete three semesters (fall, spring and summer session I) of classroom and laboratory courses. You then spend the second summer session and following fall semester in approved clinical rotations. Students may attend MLS classes at UK’s Lexington campus or at the Center of Excellence in Rural Health in Hazard, KY.

Pre-requisite Coursework
Regardless of your path, certain pre-requisite classes are required. These include:
- General biology with laboratory (one semester)
- General microbiology with laboratory (one semester)
- General chemistry with laboratory (two semesters)
- Organic chemistry with laboratory (one semester)
- Human physiology, or combined course in physiology and anatomy (one semester)
- Statistical methods (one semester)

Admission
Admission applications to the MLS program are due March 1 and classes begin in August. Non-UK students must apply to both the University of Kentucky and the MLS program. All pre-requisites must be completed before beginning the MLS program in August. To explore the University of Kentucky general education requirements and admission deadlines, visit: www.uky.edu/Admission.

Contact us: (859) 218-0473 • CHS-Admissions@uky.edu
For information about the program at the Center of Excellence in Rural Health in Hazard, call (606) 439-3557 or 1-855-859-2374, ext. 83508.
Get more info on the admission and application process on the website:

bit.ly/UK_MLS