



CLINICAL LAB SCIENCE & MEDICAL TECHNOLOGY

BACHELOR OF SCIENCE (B.S.)

Utilize advanced clinical lab technology and analytical skills to conduct tests that inform patient care decisions.

Clinical lab science and medical technology are essential aspects of healthcare, forming the basis for precise diagnoses and effective treatments. These disciplines encompass a variety of laboratory procedures, including blood analysis, microbiology, and molecular diagnostics, essential for informed clinical decision-making.

OPPORTUNITIES AT KING'S COLLEGE

The program follows a 3 + 1 model, with three years of foundational coursework at King's College followed by a dedicated fourth year of clinical training. This structure ensures students acquire comprehensive knowledge and practical skills. Graduates earn a Bachelor of Science degree in Clinical Laboratory Science/Medical Technology, positioning them for successful careers across diverse healthcare environments. Here is what else makes our program unique:

Affiliated with several NAACLS-accredited hospitals: students have the opportunity to explore various hospitals to take their 12-month internship at.

Preparation for national certification exams: faculty provide guidance and resources to ensure students feel confident and prepared for these crucial exams.

State-of-the-art facilities: the Mulligan Physical Sciences building is equipped with cutting-edge teaching and research laboratories and equipment.

Small class sizes: our small classes and laboratories mean students get to know their professors, and professors get to know their students, guide them, and advocate for them.



**KING'S
COLLEGE**
TRANSFORMATION. COMMUNITY. HOLY CROSS.

CAREER OPPORTUNITIES

A clinical laboratory science degree opens doors to diverse career paths. Graduates may become medical laboratory scientists, conducting complex analyses on biological samples to aid disease diagnosis. Alternatively, they might work as clinical lab technicians, ensuring the accuracy and reliability of lab results. Other roles include:

- histotechnologist
- cytotechnologist
- microbiology technologist
- clinical chemistry technologist

DEGREE REQUIREMENTS

Below are all the courses offered in this program. For a complete list, see our Degree Requirements online.

BIOL 113	Evolution & Diversity
BIOL 210	Organisms & Their Ecosystems
BIOL 224	Biochemistry
BIOL 229	Modern Techniques
BIOL 314	Microbiology
BIOL 326	Immunology
BIOL 450	DNA Science
CHEM 113	General Chemistry I
CHEM 114	General Chemistry II
CHEM 241	Organic Chemistry I
CHEM 242	Organic Chemistry II
MATH 125	Calculus
MATH 128	Statistics and Data Analysis

+ 8 additional credits in either biology or chemistry

In addition to their courses, students will participate in a hospital-based clinical rotation.

SIMILAR MAJORS

General Science B.S.

Gain diverse exposure to various science disciplines and flexibility in course selection. If you're interested in higher education, this will help to build a foundation in science.

Physician Assistant B.S.

Work with physicians diagnosing illnesses, developing treatment plans, interpreting lab tests, or assisting in surgery. This career is challenging but rewarding!

Pre-Health B.S.

Preparing to be a dentist, veterinarian, chiropractor, or another specialized clinical health profession? Pre-Health provides all the resources you need to successfully enter a graduate program.



\$61,890

MEDIAN ANNUAL SALARY FOR
CLINICAL LAB TECHNOLOGISTS

5%

OVERALL EMPLOYMENT GROWTH
FROM 2023-33

*Statistics provided by U.S. Bureau of
Labor Statistics*

CONTACT US

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