

CLINICAL LAB SCIENCE/ MEDICAL TECHNOLOGY



Don't you just hate getting sick? It sneaks up on you with a little sneeze and suddenly grows into a full blown cold and swollen glands the size of golf balls. Next thing you know, you find yourself on the examining table in your doctor's office having your throat swabbed to see if you have strep throat. Luckily for you, the test came back negative. And even luckier for you the hospital's medical technologist was available to run all of the necessary lab tests to get you the results you needed.

Clinical Laboratory Science/ Medical Technology at King's

As illustrated in the example above, medical technologists perform tests to determine what types of illnesses people may have, but their role in patient care does not end there. As

a clinical laboratory science/medical technology major you will learn how to study and analyze various types of body fluids and tissue samples assisting doctors in their diagnoses. Just a sample of the types of tests medical technologists perform include complete blood counts, comprehensive metabolic panels, liver function tests, electrolyte panels, urinalysis, lipid profiles, renal function tests and routine cultures just to name a few.

Education and Experience

While some schools may provide you with a basic skill set, King's clinical laboratory science/medical technology majors acquire a well-rounded education. After you complete three years of core and science courses, you will have your transcripts evaluated

by the National Accrediting Agency for Clinical Laboratory Sciences. Upon their approval, you will seek out a 12-month hospital-based clinical rotation approved by the American Society of Clinical Pathologists (ASCP) during which you will gain experience.

Job and Graduate School Placement

Many people who have earned a degree in clinical laboratory science/medical technology at King's have flourished in the workforce or graduate school. Here are some examples of where our alumni have found success.

- Drexel University, Master of Medical Science
- University of Virginia, graduate studies in physician assistant
- Hazleton General Hospital, medical technologist

To learn more about majoring in Clinical Lab Science/Medical Technology at King's College, please contact the Office of Admission at 1-888-KINGS PA or admissions@kings.edu.

Clinical Lab Science/Medical Technology

(121-138 Credit Hours)

Suggested Sequence

- Use the information below as a guide when selecting courses.
- Consult your Academic Advisor prior to course registration.
- Refer to the King's College Catalog and/or website for course titles and descriptions.
- Choose one course from each CORE category as listed for Clinical Laboratory Science/Medical Technology Majors
 - CORE courses may be taken in any order approved by the academic advisor with the following conditions:
 - CORE 100 and CORE 110 should be taken in the first year.
 - CORE 115 (or 116) should be taken within the first two years.
 - For students selecting a Foreign Language (CORE 14x), every effort should be made to register for that language in the first semester at King's.

1 st Year - Fall	cr.	1 st Year - Spring	cr.
BIOL 113 Evolution & Diversity	3	BIOL 210 Organisms & Their Ecosystems	3
BIOL 113L Evolution & Diversity Lab	1	BIOL 210L Organisms & Their Ecosystems Lab	1
CHEM 113 General Chemistry I	3	CHEM 114 General Chemistry II	3
CHEM 113L General Chemistry I Lab	1	CHEM 114L General Chemistry II Lab	1
MATH 128 Intro.To Statistics & Data Analysis	4	MATH 125 Calculus	4
CORE	3	CORE	3
CORE 090 First Year Experience	1	CORE	3
	16		18
2 nd Year – Fall		2 nd Year – Spring	
CHEM 241 Organic Chemistry I	3	CHEM 242 Organic Chemistry II	3
CHEM 241L Organic Chemistry I Lab	1	CHEM 242L Organic Chemistry II Lab	1
BIOL 213 Cell & Molecular Biology	3	BIOL 224 or BIOL 324	3
BIOL 213L Cell & Molecular Biology Lab	1	BIOL 224L or BIOL 324L	1
BIOL 326 Immunology	3	CORE	3
BIOL 326L Immunology Lab	1	CORE	3
CORE	3	CORE	3
CORE	3		
	18		17
3 rd Year – Fall		3 rd Year – Spring	
Science Elective	3	BIOL 314 Microbiology	3
Science Elective Lab	1–2	BIOL 314L Microbiology Lab	1
CORE	3	Science Elective	3
CORE	3	Science Elective Lab	1–2
CORE	3	CORE	3
CORE	3	CORE	3
BIOL 229 Modern Techniques in Biological Sci.	1		
	16-17		15-16
4 th Year – Fall		4 th Year – Spring	
Hospital-based Clinical Rotation 30 - 36			
Total Credits Required for Graduation = 121–138			