

**NewYork-Presbyterian**  
Brooklyn Methodist Hospital



Clinical Laboratory  
Science Program

# Clinical Laboratory Scientists, also called Medical Technologists, make the practice of modern medicine possible.



Using state-of-the-art equipment and computer technology, they perform a wide array of complex laboratory procedures which are essential to patients' medical care. New and emerging technologies are constantly expanding the role of the medical technologist. New York State law now mandates that Clinical Laboratory Scientists must be licensed by the State to work in the laboratory setting.

### About The Program

NewYork-Presbyterian Brooklyn Methodist Hospital's Clinical Laboratory Science Program offers comprehensive training in both theory and practice. Formal academic instruction and laboratory practice provides both a theoretical basis in various subject areas, and an understanding of the medical problems which may motivate a physician's request for laboratory services. The clinical laboratories, where students receive their internship training, are well-designed and furnished with state-of-the-art precision instruments, computer technology, and electronic equipment.

The program involves a full-time, one-year commitment. During the course of the year, the student studies fields related to the laboratory sciences.

The program meets the didactic and clinical requirements necessary to sit for the ASCP Examination. Preexisting courses or degrees may be required from outside institutions (see Pathway options and explanations on facing page).



### NewYork-Presbyterian Brooklyn Methodist Hospital now offers two admission pathways for the Clinical Laboratory Science Program.

#### PATHWAY I: Applicants who are currently enrolled in their junior year of college (3+1)

Applicants must be enrolled in their junior year of college at one of NYP/Brooklyn Methodist Hospital's Clinical Lab Science Program's affiliated colleges, on path to receive their bachelor's degree in Clinical Laboratory Science or Medical Technology. Upon successful completion of their program, applicants in Pathway I will automatically be eligible to sit for the ASCP Examination (see list of affiliated colleges on back).

#### PATHWAY II: Applicants who currently hold at minimum a bachelor's degree (4+1)

Applicants must have previously completed a bachelor's degree and meet the 90 required credits, including the science-related coursework listed at right. Applicants in Pathway II will need to apply to and be accepted into both NYP/Brooklyn Methodist Hospital and St. Joseph's College: an affiliated college of NYP/Brooklyn Methodist Hospital. Graduates will receive a certificate of completion from NYP/Brooklyn Methodist Hospital's accredited program, as well as a bachelor's degree in Medical Technology from St. Joseph's College. Upon successful completion of both institution's requirements, one is eligible to sit for the ASCP Examination and qualifies for NYS licensure.

### Admissions Process

- Complete the program application (including transcripts, reference letters and all other supporting documents) and mail it with a \$100.00 (non-refundable) application fee. Applicants can expect a confirmation e-mail within three weeks of submitting the application.
- If an applicant satisfies all eligibility requirements, they will be contacted to schedule an interview.
- The Admissions Committee will convene and evaluate the admission file, including but not limited to supporting documentation, previous academic performance and the results of the formal interview. A final decision regarding acceptance into the program can be expected within one month of the interview.

### To Qualify for the Program, Applicants Must:

- Meet the coursework requirements for one of the pathways listed at left.
- Ensure they have fulfilled all pre-requisites and/or core requirements required by the college or university granting their degree.
- Have a minimum grade point average of 2.0.
- Have a minimum of 90 college credits. The courses below, or their equivalent, are required for admission:
  - Biology: a minimum of 14 credits. This may include general biology, cell biology, and immunology. Microbiology and Anatomy & Physiology are absolutely required.
  - Chemistry: a minimum of 12 credits. General and organic chemistry are mandatory. Biochemistry OR Analytical Chemistry are required for those seeking New York State licensure ONLY.
  - Mathematics: a minimum of 3 credits. One college level mathematics course (remedial courses are not acceptable). Statistics is preferred, but not required.



### New York State Residents

As of 2013, in order to qualify for licensure to work as a Clinical Laboratory Technologist in the State of New York, applicants must have received a bachelor's degree in Clinical Laboratory Science or Medical Technology from a program registered for licensure with the New York State Department of Education Office of the Professions. Additionally, individuals must have completed coursework specifically in Analytical Chemistry or Biochemistry. NewYork-Presbyterian Brooklyn Methodist Hospital is a NAACLS accredited program but is not a degree-granting institution. Therefore, NYPBMH does not directly qualify to register its program with the NYS Department of Education. However, students in the program are able to meet the necessary requirements through NYPBMH's relationship with affiliated colleges, allowing them to complete the necessary coursework towards a certificate/degree at these institutions and to qualify for national certification, as well as New York State licensure.

### National Certification Exam

All graduates of NewYork-Presbyterian Brooklyn Methodist Hospital's Clinical Laboratory Science Program are eligible to sit for the Board of Certification Examination administered by the American Society of Clinical Pathology (ASCP).

### Accreditation

NewYork-Presbyterian Brooklyn Methodist Hospital's Clinical Laboratory Science Program is programmatically accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

### National Accrediting Agency for Clinical Laboratory Sciences

5600 North River Road, Suite 720  
Rosemont, IL 60018-5119  
(773) 714-8880



### College Affiliations

NewYork-Presbyterian Brooklyn Methodist Hospital's Clinical Laboratory Science Program has affiliation agreements in place with several colleges and universities (see below) that allow their students to complete the fourth year of their medical technology degree at NewYork-Presbyterian Brooklyn Methodist Hospital's Clinical Laboratory Science Program. Upon successful completion of the program, graduates will receive credits towards the completion of a Bachelor's Degree in MT/CLS/MLS from their affiliated institution.

#### Alabama

Auburn University

#### Delaware

Wesley College

#### Massachusetts

MA College of Pharmacy and Allied Health Sciences

#### Minnesota

Minnesota State University

#### New Jersey

Caldwell College

#### New York

Elmira College

Long Island University

Plattsburgh University

Roberts Wesleyan College

St. Joseph's College

#### Ohio

Miami University

#### Pennsylvania

Clarion University

East Stroudsburg University

Marywood University

Wilkes University

The University of the Sciences

as of Fall 2019