

Theory Courses

• TMED 4501- Laboratory Operations I:	3 credits
• TMED 4510- Clinical Chemistry, Pathology and Molecular Diagnostics	4 credits
• TMED 4520 - Body Fluids.	1 credit
• TMED 4531- Clinical Immunology.	2 credits
• TMED 4532- Blood Bank.	3 credits
• TMED 4540- Hematology, Coagulation and Molecular Diagnostics in Hematopathology.	4 credits
• TMED 4560- Mycology and Virology.	1 credit
• TMED 4570- Clinical Bacteriology and Molecular Disease Diagnosis Infectious	4 credits
• TMED 4585- Clinical Parasitology.	2 credits
• TMED 4593- Laboratory Operations II:	2 credits

Clinical Practice Courses

• TMED 4595-Integrative Seminar and Clinical research.	1 credit
• TMED 4915-Clinical Practice in Blood bank.	3 credits
• TMED 4916-Clinical Practice in Serology, Immunology and Virology	2 credits
• TMED 4921-Practice in Chemistry Clinic.	4 credits
• TMED 4922-Clinical Practice in Hematology and Coagulation.	4 credits
• TMED 4923-Clinical Practice in Microbiology.	4 credits
• TMED 4924 Clinical Practice in Urinalysis and Parasitology	2 credits

Facilities and Resources

The School is located on the fourth floor of the John W. Harris Main Building in the Metropolitan Campus. It has a conference room and a spacious and comfortable laboratory. The School has affiliations established with different clinical laboratories for the student to complete their clinical practice in them. These facilities are duly recognized by the Department of Health of Puerto Rico, certified by CLIA and / or accredited by the Joint Hospital Accrediting Commission (JCHA).

The affiliated Hospitals and Laboratories are:

- Veterans Hospital, San Juan, P.R.
- American Red Cross of P.R., San Juan, P.R.
- Medical Center of Rio Piedras, San Juan P.R.
- Auxilio Mutuo Hospital, San Juan, P.R.
- Ashford Community Hospital, Santurce, P.R.
- San Jorge Hospital, Santurce, P.R.
- Hospital Del Maestro, Hato Rey, P.R.
- Mennonite Hospitals, Aibonito, Cayey, Caguas, PR
- Borinquen Clinical Laboratory, Caguas P.R.
- Ryder Hospital, Humacao, P.R.
- Alejandro Otero Hospital, Manatí, P.R.
- Dr. Center Hospital, Manatí, Bayamón, San Juan, P.R.
- Hospital Pavía, Arecibo, P.R.
- Toledo Laboratory, Arecibo, P.R.

Program Faculty

Ida A. Mejías Torres, Ph.D., M.T. (ASCP) – Director
Nitza V. Rivera Rosa, M.S., M.T.(ASCP)
Sandra Moreno, M.S.,M.S., M.T. (ASCP)
Carlos Maldonado Rios, Ed.D, M.T. (ASCP)

We also have visiting lecturers in the different areas of the theoretical courses. The enrollment for the twelve consecutive months is \$ 8,420. The costs of textbook, medical insurance, laboratory coats and general fees of the University are not included in the cost of the same.

For applications and catalogs, please contact: School of Medical Technology. Inter-American University of Puerto Rico. Metropolitan Campus. P.O. Box 191293 San Juan, Puerto Rico 00919-1293 or by calling 787-250-1912 ext. 2401, fax: 787-767-5081.

The Inter-American University of Puerto Rico does not discriminate against any person for reasons of race, color, age, sex, religion, nationality, marital status, physical appearance, political affiliation, or physical disability.

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Inter American University of Puerto Rico

Metropolitan Campus



SCHOOL OF MEDICAL TECHNOLOGY

Bachelor of Sciences in Medical Technology

Postgraduate Certificate in Medical Technology

The Program's goal is to provide an academic instruction of excellence by preparing Medical Technologists or clinical laboratory scientists with the knowledge, skills, and attitudes necessary to enter into the profession. It also aims to develop trained individuals to communicate and interact with patients, their peers and other health professionals. The Program encourages in the application of moral and ethical principles in compliance with the laws that govern the laboratory and the profession of Medical Technology. Students will be trained to perform in different scenarios and practice as entrepreneurial professionals, clinical instructors, consultants, supervisors, administrators, educators, researchers, among others, through an innovative curriculum that encourages clinical research.

Depending on the academic background of the student, the School has two study options: to complete a Bachelor degree in Sciences of Medical Technology (3+1 or a Professional Certificate in Medical Technology. It has an intensive curriculum of one year divided into two terms: theoretical and clinical practice. The program is accredited by the National Agency of Sciences of the Clinical Laboratory (NAACLS) (8410 W Bryn Mawr Ave., Suite 670 Chicago, IL 60631; Phone: 773-714-8880; FAX: 773-714-8886; <http://www.naacls.org>). Two groups of 25 students, 50 students per year, are admitted. One group is admitted in August and another in February. Upon completion of the program, the graduate is eligible to take the Board Certification Exams offered by the Board of Examiners of Medical Technologists of P.R., and the American Society of Clinical Pathologists (ASCP).

General Admission Requirements

All applicants must file the required documents on or before the second Friday in May for students beginning in August and the first Friday in December for those beginning in February. Applicants who meet the admission requirements will be evaluated and selected competitively according to the number of admissions already established.

The general admission requirements for both programs, BS and Postgraduate Professional Certificate, will be the following:

1. The student must have passed the following courses or its equivalent, some of which require the approval of other courses:

- General Biology I, II
- Microbiology
- Immunology
- Anatomy and Physiology
- General Physics I and II
- Pre-calculus I and II
- General Chemistry I, II
- Organic Chemistry I and II
- Analytical chemistry
- Biochemistry or Cellular and Molecular Biology

2. Complete the application for admission to the Program and submit an official transcript of the university (s) where you are studying.

3. Present three (3) letters of recommendation.

4. Grade point average of at least 2.5 in general education, as well as in the courses of biology, chemistry, physics and mathematics.

5. Have the ability to achieve essential non-academic requirements related to the demands of the profession, as published in the Student Handbook of the Medical Technology Program. The student must meet these requirements in order to satisfactorily complete the Program and work in the functions of the Medical Technology profession.

6. Take an assessment test offered by the School, with the purpose of knowing the level of knowledge and development of skills related to the academic requirements in part number 1 of the admission requirements.

7. After being admitted to the Program, you must present other documents, some of which are: health certificate and evidence of vaccination or immunization against hepatitis B and varicella viruses.

Requirements for the Bachelor of Sciences in Medical Technology

Admission to the baccalaureate will be made only if the student is admitted to the School of Medical Technology.

1. The student may request admission to the School once he / she meets the general, core and elective education requirements required by the School as explained in the section "Requirements of the Bachelor of Science in Medical Technology" of the General Catalog of the Inter-American University of PR.

2. These academic courses must be completed in the first three years of the baccalaureate in sciences of your selection. Once completed, you can apply for admission to the School of Medical Technology.

3. If admitted to the School and satisfactorily complete the concentration courses (1), the student will receive the Bachelor of Science degree in Medical Technology.

Requirements for the Postgraduate Certificate in Medical Technology

The student must have approved the following before applying to the School of Medical Technology:

1. Have a bachelor's degree in science at an accredited university.

2. Have approved the courses presented in part 1 of "General admission requirements" contained in this booklet.

The student will obtain a Postgraduate Certificate in Medical Technology taking the courses of the School.

Admission of Transfer Students or Internal Transfers

Direct transfers from another University or direct internal transfers to the courses offered at the School are not allowed, for these there must be a process of requesting space or admission through the School of Medical Technology. Any student who is applying for admission as a transfer student from another university will be evaluated as established in the current catalog. Those students who have completed 3 years or more in another accredited institution and request a transfer to finish the baccalaureate in Medical Technology are required to: Have approved the courses that are presented in part 1 of "General admission requirements" contained in this brochure. In addition to the following courses in general education approved with a minimum of C:

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| • English | 9 credits |
| • Spanish | 9 credits |
| • Social Sciences | 6 credits |
| • Humanities | 6 credits |
| • Religion | 3 credits |
| • Mathematics / Computers | 9 credits |