

Bachelor of Science in Medical Technology (Monmouth Medical Center)	
MAJOR REQUIREMENTS/MEDICAL TECHNOLOGY: 48 Credits	Credits
CE111: General Chemistry I	3.0
CE111L: General Chemistry I Lab	1.0
CE112: General Chemistry II	3.0
CE112L: General Chemistry II Lab	1.0
CE221: Quantitative Analysis	2.0
CE221L: Quantitative Analysis Lab	2.0
CE241: Organic Chemistry I	3.0
CE241L: Organic Chemistry I Lab	2.0
CE242: Organic Chemistry II	3.0
CE310: Biochemistry and Lab	4.0
BY110: Introduction to Cell and Molecular Biology	4.0
BY111: Anatomy and Physiology I	4.0
BY112: Anatomy and Physiology II	4.0
BY223: General Microbiology	4.0
BY324: Applied Microbiology	4.0
BY423: Genetics	4.0
REQUIREMENTS OUTSIDE MAJOR: 3 Credits	Credits
MA115: Introduction to Math Modeling (a)	3.0
PROFESSIONAL CREDITS: 32 Credits (b) (d)	Credits
MT421: Clinical Chemistry	7.5
MT422: Hematology	5.0
MT423: Coagulation	1.5
MT424: Urinalysis and Body Fluids	1.5
MT425: Immunology and Serology	4.0
MT426: Transfusion Service	4.0
MT427: Clinical Microbiology	7.5
MT428: Mgt. Principles in Medical Technology	0.5
MT429: Educational Methodologies in Medical Technology	0.5
Credits	
—————	6.0
<p>(a) May substitute MA116 or MA125, depending on placement.</p> <p>(b) Completion of 96 credits of collegiate work prescribed by the National Accrediting Agency for Clinical Sciences</p> <p>(c) Laboratory Sciences (NAACLS) is followed by an eleven month training period in a NAACLS-approved hospital. Successful completion qualifies graduates to take the American Society of Clinical Pathologists (ASCP) Board Certification Exam</p> <p>(d) Professional Credits will partially complete Writing Intensive (WT) requirement in General Education Requirements.</p>	

B.S. in Medical Technology (for Monmouth Medical Center)		
GENERAL EDUCATION REQUIREMENTS: 39 Credits		Credits
First Year Seminar	FY-101: First Year Seminar *(Select Section "CE")	3.0
Reading and Writing	EN101: College Composition I	3.0
	EN102: College Composition II	3.0
Mathematics	Fulfilled in Outside Major Requirements with MA115	0.0
Natural Sciences	Fulfilled in Major Requirements with BY and CE courses	0.0
Literature	3 Credits from courses designated with Course*Type: LIT	3.0
Aesthetics and Creativity	3 Credits from Art, Music, Theatre, or Dance	3.0
Technological Literacy	IT102: Information Technology for Scientists	3.0
Reasoned Oral Discourse	3 Credits from courses designated with Course*Type: RD	3.0
Historical Perspective	3 Credits from courses designated with Course*Type: HS.SV	3.0
Social Science	3 Credits from courses designated with Course*Type: SS.SV	3.0
Historical Perspective/Social Sciences	3 Credits from courses designated with Course*Type: HS.SV or 3 Credits from courses designated with Course*Type: SS.SV	3.0
Interdisciplinary Perspectives	3 Credits from courses designated with Course*Type: ISP	3.0
Cultural Diversity and Global Understanding or Foreign Langugae	3 Credits from courses designated with Course*Type: CD and 3 Credits from courses designated with Course*Type: GU or 6 Credits from the SAME foreign language	6.0
Experiential Education	Fulfilled in Major with Professional Credits	0.0
Writing Intensive	Two Courses from major designated with Course*Type: WT	0.0

**Minimum Credits for Bachelor of Science in Medical Technology = 128.0**

**NOTES:**

\* 58 credits must be completed at the 200 level or higher.