

<b>B.S. in Medical Technology (for Monmouth Medical Center)</b>		
<b>MAJOR REQUIREMENTS/MEDICAL TECHNOLOGY: 48 Credits</b>		<b>Credits</b>
	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	4.0
	BY112: Anatomy and Physiology	4.0
	BY223: General Microbiology	4.0
	BY324: Applied Microbiology	4.0
	BY423: Genetics	4.0
<b>REQUIREMENTS OUTSIDE THE MAJOR: 3 Credits</b>		<b>Credits</b>
	MA115: Introduction to Math Modeling (a)	3.0
<b>PROFESSIONAL CREDITS: 32 Credits (b)</b>		<b>Credits</b>
	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 Methods in Medical Technology	0.5
<b>FREE ELECTIVES: 3 Credits</b>		<b>Credits</b>
	_____	3.0
<p>(a) May substitute MA116 or MA125, depending upon placement.</p> <p>(b) Completion of 96 credits of collegiate work prescribed by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) is followed by a twelve-month training period in a NAACLS-approved hospital. Successful completion qualifies one for admittance to the examination of the Registry of Medical Technology.</p>		

<b>B.S. in Medical Technology (for Monmouth Medical Center)</b>		
<b>GENERAL EDUCATION REQUIREMENTS: 42 Credits</b>		<b>Credits</b>
English	EN101: College English I	3.0
	EN102: College English II	3.0
Literature	EN201: Literature I	3.0
	EN202: Literature II	3.0
History	HS101: Western Civilization In World Perspective I	3.0
	HS102: Western Civilization In World Perspective II	3.0
Information Technology	IT102: Information Technology for Scientists	3.0
Critical Discourse	HU201: Critical Discourse	3.0
Science	Fulfilled in Requirements Outside Major	0.0
Mathematics	Fulfilled in Requirements Outside Major	0.0
Social Science	Choose two courses from 2 different disciplines from among: any 100-level courses in AN, GO, PS, PY, SO; BE201, BE202, GS225.	3.0
		3.0
Aesthetics	AR101: Art Appreciation	3.0
	<b>or</b> MU101: Music Appreciation	
	<b>or</b> TH101: Theater Appreciation	
	<b>or</b> DA101: Dance Appreciation	
Cross Cultural	Two courses chosen from the set of approved courses	3.0
	<b>or</b> 6 credits in the same foreign language	3.0
Perspectives	PRxxx	3.0
Experiential Education	EX001 (Fulfilled in Professional Credits)	0.0
Demonstration of Writing Proficiency	WP001	0.0
Writing Intensive Requirement	Two courses as specified by the department in which the major is housed.	0.0
		0.0
<b>TOTAL CREDITS FOR B.S. IN MEDICAL TECHNOLOGY = 128.0</b>		

**NOTES:**

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