

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	4.0
	BY112: Anatomy and Physiology	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)		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 Methods in Medical Technology	0.5
FREE ELECTIVES: 6 Credits		Credits
		6.0
<p>(a) May substitute MA116 or MA115, depending on placement.</p> <p>(b) Completion of 96 credits of collegiate work prescribed by the National Accrediting Agency for Clinical</p> <p>(c) Laboratory Sciences (NAACLS) is followed by an 11 ½ 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>		

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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	3.0
	or 3 Credits from courses designated with Course*Type: SS.SV	
Interdisciplinary Perspectives	3 Credits from courses designated with Course*Type: ISP	3.0
Cultural Diversity/Global Understanding	3 Credits from courses designated with Course*Type: CD	6.0
	3 Credits from courses designated with Course*Type: GU	
	or 6 Credits from the SAME foreign language	
Experiential Education	Fulfilled in Major with Professional Credits	0.0
Writing Intensive	One course from major designated with Course*Type: WT <i>*Second "WT" course waived due to Professional Credits</i>	0.0

Total Credits for Bachelor of Science in Medical Technology = 128.0

NOTES:

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