

Medical Technology Proposed Program of Study

		Fall Semester			Spring Semester			Summer Semester				
		Course	Course Title	Hrs	Course	Course Title	Hrs	Course	Course Title	Hrs		
Freshman		EH 101	English Composition I	3	EH 102	English Composition II	3	*HY/Lit	History/Literature	3		
		MA 105	Precalculus	3	MA 106	Precalculus Trigonometry	3	CH 115/116	Gen Chemistry I	4		
		HY 120	History		ED 216	Literature	3					
		SBS	Social Behavioral Science Elective	3	Fine Arts	Fine Arts Elective	3					
		HRP 101	FYE	3								
			Total Credits		15		Total Credits		12		Total Credits	7
Sophomore		CH 117/118	General Chemistry II	4	CH 235/236	Organic Chemistry	4	BY 271	Biology of Microorganism	4		
		CM 101	Public Speaking	3	CS 101	Computer Science	3	HUM/HY/SBS	Elective	3		
		BY 123	General Biology	4	BY 210	Genetics	3					
		SBS	Elective	3	AHS 360/MA 180/PY 214	Statistics	3					
			Total Credits		14		Total Credits		13		Total Credits	8
Junior		MT 400	Health & Safety Mgmt	1	MT 426	Inst. & Automation	3	MT 430	Immunohematology	4		
		MT 406	Laboratory Techniques	2	MT 427	Inst. & Automation Lab	1	MT 431	Immunohematology Lab	1		
		MT 405	Laboratory Management	3	MT 423	Clinical Microbiology	3	MT 428	Hematology I	4		
		MT 403	Body Fluids	1	MT 424	Clinical Microbiology Lab	1	MT 437	Microbiology of Infectious Disease	3		
		MT 404	Body Fluids Laboratory	1	MT 442	Molecular Diagnostics	3	MT 439	Micro. of Infectious Disease Lab	2		
		MT 418	Immunology	4	MT 443	Mol. Diagnostics Lab	1					
		MT 419	Immunology Laboratory	1								
			Total Credits		13		Total Credits		12		Total Credits	14
Senior		MT 451	Clinical Chemistry	3	MT 495	Clinical Practice	1-12					
		MT 452	Clinical Chemistry Lab	1	MT 470	Certification Review	1					
		MT 432	Hematology II	4								
		MT 460	Clinical Correlations	3								
		MT 455	Research Principles	2								
			Total Credits		13		Total Credits		13		Total Credits	0

Total Hours for Degree = 133

NOTE: English/Math determined by Placement or AP Credit.

*A 6 semester hour sequence either in literature or history is required; if a second literature is chosen it will apply as 3 of the elective hours in Area II Humanities and Fine Arts; if a second history is chosen, it will apply as 3 of the elective hours in Area IV History, Social Behavioral Sciences.