



Sample 4 Year Plan
Bachelor of Science Medical Laboratory Science
Medical Laboratory Science Concentration

	Fall Semester		Credit Hrs	Spring Semester		
	Course Information			Course Information		
First Year	AP	UNIV 1000 – University Success	1	AP	ENGL 1020 – English Composition II	3
	AP	ENGL 1010 – English Composition I	3	AP	COMM 2045 – Public Speaking	3
	AP	MATH 1730 – Precalculus	4	AP	BIOL 2020/2021 – Human Anatomy and Physiology II w/lab	4
	AP	BIOL 2010/2011 – Human Anatomy & Physiology I w/lab	4	AP	Social and Behavioral Sciences Core	3
	TOTAL SCH		12	TOTAL SCH		13

	Fall Semester		Credit Hrs	Spring Semester		
	Course Information			Course Information		
Second Year	AP	ENGL 2330 – Topics in World Literature	3		CHEM 1120/1121 – General Chemistry I w/lab	4
	AP	History Core	3	AP	History Core	3
		BIOL 2300/2301 – Principles of Microbiology Or BIOL 3730/3731 – Medical Microbiology w/lab	4		BIOL 3130/3131 – Genetics w/lab	4
		CHEM 1110/1111 – General Chemistry I w/lab	4	AP	Humanities and Fine Arts Core	3
	TOTAL SCH		14	TOTAL SCH		14

	Fall Semester		Credit Hrs	Spring Semester		Summer Semester		
	Course Information			Course Information		Course Information		
Third Year		CHEM 3500/3501 – Brief Organic Chemistry w/lab	4		MTEC 3940/3941 – Fundamentals of Clinical Analysis w/lab	4	MTEC 4980/4981 – Diagnostic Microbiology II w/lab	4
		MTEC 3910/3911 – Fundamentals of Hematology w/lab	4		BIOL/MTEC 3760/3761 – Immunology & Serology w/lab	4	MTEC 4950/4951 – Immunohematology w/lab	4
	AP	Humanities and Fine Arts Core	3		CHEM 4300/4301 – Brief Biochemistry w/lab	4	MTEC 4940 – Clinical Analysis I w/lab	4
	AP	Social and Behavioral Science Core	3					
	TOTAL SCH		14	TOTAL SCH		12	TOTAL SCH	

	Fall Semester		Credit Hrs	Spring Semester		
	Course Information			Course Information		
Fourth Year		MTEC 4750 – Management, Research & Education Seminar	3		MTEC 4090 – Clinical Hematology	4
		MTEC 4910/4911 – Hematology w/lab	4		MTEC 4290 – Clinical Microbiology	4
		MTEC 4970/4971 – Clinical Analysis II w/lab	4		MTEC 4490 – Clinical Chemistry Urinalysis	4
		MTEC 4730/4731 – Diagnostic Microbiology I w/lab	4		MTEC 4390 – Clinical Immunohematology Serology	4
		MTEC 4900 – Clinical Phlebotomy	1		MTEC 4930 – Board of Certification Review	2
TOTAL SCH		16	TOTAL SCH		18	

***AP** designates General Education Core Course to be completed for your degree.

**Bachelor degrees require the completion of 33 upper division (3000 – 4999) credit hours.