

Curriculum Outline

Summer/Fall Term						
SECTION 1 - Chemistry				Clock Hours		
Course	Course Title	Lecture	Lab	Clinical	Total	
MLS5501	Chemistry I	27	56	35	118	
MLS5502	Chemistry II	24	48	35	107	
SECTION TOTAL					225	
SECTION 2 - Hematology				Clock Hours		
Course	Course Title	Lecture	Lab	Clinical	Total	
MLS5201	Hematology I	18	32	35	85	
MLS5202	Hematology II	15	30	35	80	
MLS5203	Hemostasis and Thrombosis	9	16	17	42	
MLS5204	Urinalysis & Body Fluids Analysis	8	16	18	42	
SECTION TOTAL					249	
Spring Term						
SECTION 3 - Bacteriology				Clock Hours		
Course	Course Title	Lecture	Lab	Clinical	Total	
MLS5101	Bacteriology I	15	30	35	80	
MLS5102	Bacteriology II	15	34	35	84	
MLS5103	Mycology & Mycobacteriology	11	16	17	44	
MLS5104	Parasitology	8	16	18	42	
SECTION TOTAL					250	
SECTION 4 – Immunopathology				Clock Hours		
Course	Course Title	Lecture	Lab	Clinical	Total	
MLS5301	Immunopathology I	16	30	35	81	
MLS5302	Immunopathology II	8	24	35	67	
SECTION TOTAL					148	
SECTION 5 - Immunoematology				Clock Hours		
Course	Course Title	Lecture	Lab	Clinical	Total	
MLS5401	Immunoematology I	18	22	35	75	
MLS5402	Immunoematology II	16	32	35	83	
SECTION TOTAL					158	
SECTION 6 – Laboratory Operations				Clock Hours		
Course	Course Title	Lecture	Lab	Clinical	Total	
MLS5601	Laboratory Operations I	15	43	35	93	
MLS5602*	Laboratory Operations II	32	28	35	95	
MLS5603	Laboratory Operations III	12	35	0	47	
SECTION TOTAL					235	
SECTION 7 – Molecular Diagnostics				Clock Hours		
Course	Course Title	Lecture	Lab	Clinical	Total	
MLS5701	Molecular Diagnostics	10	22	35	67	
SECTION TOTAL					67	
TOTAL CLOCK HOURS					1332	