

Illinois Eastern Community College (Frontier CC) & University of Illinois Springfield					
Medical Laboratory Technician			Medical Laboratory Science		
Associate in Applied Science			Online MLT to MLS Articulation		
			Bachelor of Science		
					
Course	Course Title	HRS	Course	Course Title	HRS
First FCC Semester Preferred Coursework (Fall)			First UIS Semester Preferred Coursework (Fall)		
CHM 1130	General Chemistry I	3	MLS 415	Foundations of MLS	2
CHM 1131	General Chemistry I Lab	2	MLS 425	Laboratory Operations	2
LSC 2110	General Microbiology	4	MLS 432	Hematology I	3
LSC 2111	Human Anatomy & Physiology I	4	MLS 433	Medical Microbiology I	4
MLT 1201	Introduction to Clinical Lab	2	MLS 448	Introduction to Immunology	3
MLT 1202	Serology/Immunology	2	MLS 449	Introductory Immunology Lab	1
Total Hours this Semester:		17	Total Hours this Semester:		15
Second FCC Semester Preferred Coursework (Spring)			Second UIS Semester Preferred Coursework (Spring)		
CHM 1132	General Chemistry II	3	MLS 434	Clinical Chemistry I	4
CHM 1133	General Chemistry II Lab	2	MLS 442	Hematology II	4
LSC 2112	Human Anatomy & Physiology II	4	MLS 443	Medical Microbiology I	3
MLT 1205	Clinical Microbiology	3	MLS 468	Immunohematology	4
MLT 1210	Hematology & Hematosis	3	Total Hours this Semester:		15
Total Hours this Semester:		15	Total Hours this Semester:		15
Third FCC Semester Preferred Coursework (Summer)			Third UIS Semester Preferred Coursework (Summer)		
ENG 1111	Composition I	3	MLS 444	Clinical Chemistry II	3
SPE 1101	Fundamentals of Effective Speaking	3	MLS 475	Advanced Analysis in Laboratory Medicine	2
Total Hours this Semester:		6	Any U.S. Communities or Global Awareness ECCE		3
Fourth FCC Semester Preferred Coursework (Fall)			Total Hours this Semester:		8
MLT 2201	Immunohematology	4	Fourth UIS Semester Preferred Coursework (Fall)		
MLT 2205	Clinical Rotation I	3	UNI 301	ECCE – Speaker Series	1
MLT 2220	Clinical Chemistry	3	MLS 477	Molecular Diagnostics	2
MTH 1151	Finite Mathematics	3	MLS 487	ECCE – Practicum I	6
PSY 1101	General Psychology I	3	MLS 497	Senior Seminar I	3
Total Hours this Semester:		16	Total Hours this Semester:		12
Fifth FCC Semester Preferred Coursework (Spring)			Fifth UIS Semester Preferred Coursework (Spring)		
GEN 2297	Employment Skills	1	MLS 488	ECCE – Practicum II	6
MLT 2202	Advanced Hematology & Hemostasis	3	MLS 496	Special Topics Practicum	3
MLT 2215	Clinical Rotation II	3	MLS 498	Senior Seminar II	3
MLT 2221	Advanced Clinical Chemistry	3	Total Hours this Semester:		12
MLT 2225	Advanced Clinical Microbiology	3	Total Hours UIS:		62
MLT 2230	Professional Seminar	2			
Total Hours this Semester:		15			
Total Hours FCC:		69			

Missing IAI GECC Coursework or MLS Prerequisites needed for BS:			
	CLEP	FCC	UIS
Composition II	College Comp. (score 60+)	ENG 1121	ENG 102
Humanities/Fine Art x3	N/A	FCC Website	UIS Website
Behavioral/Social Sci. x2	CLEP options	FCC Website	UIS Website
Organic Chem. I w/ Lab	N/A	CHM 2120	CHE 267 & 268
General Biology I	Biology	LSC 1101 or BIO 111	BIO 141
Statistics	N/A	MTH 1131	MAT 121

[IAI Website to Find GECC courses](#)
[UIS Transferology Page](#)
[UIS GECC Information Page](#)
[FCC General Education Information Page](#)
[IECC - Frontier MLT Website Link](#)
[IECC - Frontier MLT Curriculum Website](#)