

John A. Logan College and University of Illinois Springfield

Medical Laboratory Technology (MLT)

Associate in Applied Science (AAS)

JALC

Course	Course Title	HRS
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First JALC Semester Preferred Coursework (Summer)

ORI 100	College 101	1
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ALH 101	Cardiopulmonary Resuscitation	1
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BIO 205	Human Anatomy and Physiology I	4
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Total Hours this Semester: 6

Second JALC Semester Preferred Coursework (Fall)

BIO 206	Human Anatomy and Physiology II	4
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CHM 141	General, Organic and Biochemistry I	4
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MAT 120	Elementary Statistics	3
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MLT 120	Introduction to Clinical Lab	3
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MLT 123	Phlebotomy	3
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Total Hours this Semester: 17

Third JALC Semester Preferred Coursework (Spring)

BIO 226	General Microbiology	4
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CHM 142	General, Organic and Biochemistry II	4
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MLT 121	Serology	1.5
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MLT 122	Clinical Microscopy	1.5
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MLT 124	Coagulation	3
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Total Hours this Semester: 14

Fourth JALC Semester Preferred Coursework (Summer)

ENG 101	English Composition I	3
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ALH 217	Medical Terminology	3
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ALH 102	CPR Recertification	0.5
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Total Minimum Hours this Semester: 6.5

Fifth JALC Semester Preferred Coursework (Fall)

MLT 223	Immunohematology (first 10.5 weeks)	4
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MLT 228	Hematology	5
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MLT 251	Clinical Rotation I (last 6.5 weeks)	3
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Total Hours this Semester: 12

Sixth JALC Semester Preferred Coursework (Spring)

MLT 225	Clinical Chemistry (first 10.5 weeks)	4
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MLT 229	Applied Clinical Microbio. (first 10.5 weeks)	4
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MLT 252	Clinical Rotation II (last 6.5 weeks)	3
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MLT 230	Parasitology and Mycology	3
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Total Hours this Semester: 14

Total Minimum Hours at JALC: 69.5

Medical Laboratory Science (MLS)

Online MLT to MLS Articulation

Bachelor of Science (BS)



UNIVERSITY OF
ILLINOIS
SPRINGFIELD

Course	Course Title	HRS
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First UIS Semester Preferred Coursework (Fall)

MLS 415	Foundations of MLS	2
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MLS 425	Laboratory Operations	2
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MLS 432	Hematology I	3
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MLS 433	Medical Microbiology I	4
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MLS 448	Introduction to Immunology	3
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MLS 449	Introductory Immunology Lab	1
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Total Hours this Semester: 15

Second UIS Semester Preferred Coursework (Spring)

MLS 434	Clinical Chemistry I	4
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MLS 442	Hematology II	4
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MLS 443	Medical Microbiology I	3
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MLS 468	Immunohematology	4
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Total Hours this Semester: 15

Third UIS Semester Preferred Coursework (Summer)

MLS 444	Clinical Chemistry II	3
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MLS 475	Advanced Analysis in Laboratory Medicine	2
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Any U.S. Communities or Global Awareness ECCE		3
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Total Hours this Semester: 8

Fourth UIS Semester Preferred Coursework (Fall)

UNI 301	ECCE – Speaker Series	1
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MLS 477	Molecular Diagnostics	2
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MLS 487	ECCE – Practicum I	6
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MLS 497	Senior Seminar I	3
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Total Hours this Semester: 12

Fifth UIS Semester Preferred Coursework (Spring)

MLS 488	ECCE – Practicum II	6
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MLS 496	Special Topics Practicum	3
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MLS 498	Senior Seminar II	3
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Total Hours this Semester: 12

Total Minimum Hours at UIS: 62

[IAI Website to Find GECC courses](#)

[UIS Transferology Page](#)

[UIS GECC Information Page](#)

[JALC General Education Information Page](#)

[JALC MLT Website Link](#)

[UIS MLS Online MLT to MLS Articulation Information Page](#)

See next page for MLS Prerequisites still needed and outstanding
General Education coursework needed for BS completion.

An AAS from John A. Logan College does not ensure that all general education requirements are met for UIS Bachelor's completion. The below courses are either prerequisites for the MLS BS at UIS or are missing general education courses. The above courses in the semester-by semester breakout are the only courses required for AAS completion, the below are only required to be taken for BS completion. These courses can be taken at either school or via CLEP exams.

Missing IAI GECC Coursework or MLS Prerequisites needed for BS:

	CLEP	JALC	UIS
English Composition II	College Comp. (score 60+)	ENG 102	ENG 102
Oral Communication	N/A	COM 115	COM 112
3X Humanities/Fine Art	N/A	JALC Website	UIS Website
3X Behavioral/Social Science	CLEP options	JALC Website	UIS Website
General Chemistry I	CLEP options	CHM 151	CHE 141
General Chemistry II	N/A	CHM 152	CHE 142
Organic Chemistry I with Lab	N/A	CHM 201	CHE 267 & 268
General Biology I	CLEP options	BIO 101	BIO 141