

**Lincoln Land Community College  
&  
University of Illinois – Springfield**

**2+2 Clinical Laboratory Science  
Articulation**

**Associate in Science /Bachelor of Science Degrees**

**Medical laboratory scientists, also known as medical technologists or clinical laboratory scientists, are the behind-the-scenes investigators in health care. Using the latest methods and biomedical instruments, they accurately analyze blood and other samples in order to assess health and diagnose diseases. 100% of UIS graduates have found employment in the profession.**

**Students interested in this allied health profession can transfer to UIS from LLCC. The most efficient way to do this is to follow the suggested schedule on the next pages. The 2-year program at UIS begins every fall and students may apply at any time.**

**If a Lincoln Land student has completed the prerequisite courses, has at least a 3.0 GPA, and applies to the UIS CLS Program by February 1, he/she is GUARANTEED a spot in the program beginning in the fall!**

**If you have “discovered” this program too late to follow**

**this schedule, contact the program director at UIS for advice on how to proceed. If you are just missing one or two courses, you can take just about any of the courses at LLCC during the summer preceding the program (organic chem is offered at UIS).**

**UIS Program Director: Linda McCown, 217-206-7550**

**Website & Application: [www.uis.edu/clinicallabsience](http://www.uis.edu/clinicallabsience)**

# Lincoln Land Community College

## Associate in Science Degree (Pre-Clinical Laboratory Science)

### Second Semester

CHE 102

POS 101 OR

POS 201 SPE 101

### **First Semester**

BIO 111

CHE 101

MAT 104

#### Course Name

Principles of Biology I

General Chemistry I

General Education Math (IAI) OR Calculus

Humanities

#### Credit Hours

4

4

3

3

14

#### Credit Hours

3

4

3

3 OR

3

3 16

#### Course Name

(IAI) Social Science

General Chemistry II

(IAI) Humanities\*

Introduction to American Politics

OR

State & Local Government Public Speaking Fundamentals

### Third Semester

CHE 201

#### Course Name

Organic Chemistry I  
(IAI) Social Science\*\*  
(IAI) Humanities\*  
Human Anatomy and Physiology I  
Composition I

**Credit Hours**

5

3

3

4

3

18

HLT 205 COM 111

**Credit Hours**

4

3

4 4

OR 4 15

**Fourth Semester**

MAT 141 COM 112 HLT 206 BIO 220

OR BIO 225\*\*\*

**Course Name**

Introductory Statistics

Composition II

Human Anatomy and Physiology II

Microbiology

OR Microbiology for Majors

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'Humanities Selections - a minimum of three semester hours must be earned in each of the three subgroups - Subgroup A: LIT 1 10, LIT 111, LIT 1 12, LIT 113, LIT 147, LIT

LIT 202, LIT 210, LIT 21 1, LIT 220, LIT 221, LIT 222, FRE 202, ITA 202, SPA 202 and any other courses acceptable as General Education Core Courses by the Illinois Articulation Initiative.

Subgroup B: ART 101, 204, 205 and 206; FLM 101; FNA 101; HUM 101, 1 02 and 20 1 ; LIT 114; MUS 104 and 108; THE 101 and any other courses acceptable as General Education Core Courses by the Illinois Articulation Initiative.

Subgroup C: HIS 101 and 102; PHI 201, 204, 205 and 210 and any other courses acceptable as General Education Core Courses by the Illinois Articulation Initiative.

"Science Selections - must include one course from the life sciences and the physical sciences.

Life Science: BIO 101 and 104 and any other courses acceptable as General Education Core Courses by the Illinois Articulation Initiative.

Physical Science: CHE 100 and 101; GEG 103; GEO 101; PHY 101 and 201; PSI 101 and any other courses acceptable as General Education Core Courses by the Illinois Articulation Initiative

"Please check the catalog descriptions for prerequisites for BIO 225.

University of Illinois at  
Springfield  
(Bachelor of Science Clinical  
Laboratory Science)

**Fifth Semester**

**Course  
Credit**

**Hours**

CHE 433 Chemistry	Physiological 4
CHE 322	Laboratory Techniques 1
CLS 321 Laboratory Science	Seminar in Clinical 2
CLS 477 Parasitology/Virology	Medical Mycology/ 3
ECCE	Global Awareness 3
	14

**Sixth Semester**

**Course  
Credit**

**Hours**

CHE 418 Laboratory Methods	Biomolecular 3
CLS 448 Immunology	Introduction to 4
CLS 405 Urinalysis	Introduction to 2
BIO 347	Medical Bacteriology 4
	Speaker Series ECCE 1
	14

**Summer Term**

**Course  
Credit**

**Hours**

CLS 401 Chemistry	Introduction to Clinical 2
CLS 402 Hematology	Introduction to 2
CLS 403 Immunohematology	Introduction to 2
CLS 454 Clinical Chemistry	Advanced Concepts in 2
	8

## **Seventh Semester**

## **Course Credit**

### **Hours**

CLS 404	Hemostasis 1
CLS 451 Immunohematology	Advanced Concepts in 2
CLS 452 Hematology	Advanced Concepts in 2
Clinical Courses (at hospital affiliates, see CLS website)	7-10
	12-15

## **Eighth Semester**

## **Course Credit**

### **Hours**

CLS 411 Management	ECCE Health Care 3
CLS 456	Clinical Correlations 2
Clinical Courses (at hospital affiliates, see CLS website)	7-10
	12-15
Total	63 hours