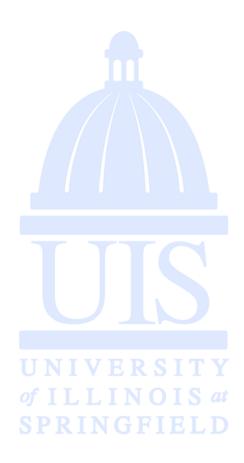
Clinical Laboratory Science



Associate in Science Degree(Pre-Clinical Laboratory Science)

Course Name

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BIO 111	Principles of Biology I	4
CHE 101	General Chemistry I	4
MAT 104	General Education Math	3
	(IAI) Humanities*	<u>3</u>
	· /	<u>1</u> 4
Second Semester	Course Name	Credit Hours
	(IAI) Social Science**	3
CHE 102	General Chemistry II	4
	(IAI) Humanities [*]	3
POS 101	Introduction to American Politics	3
<u>OR</u>	<u>OR</u>	<u>OR</u> 3
POS 201	State & Local Government	3
SPE 101	Public Speaking Fundamentals	<u>3</u> 16
		16
Third Semester	Course Name	Credit Hours
CHE 201	Organic Chemistry I	5
	(IAI) Social Science**	3
	(IAI) Humanities [*]	3
HLT 205	Human Anatomy and Physiology I	4

Fourth Semester	Course Name	Credit Hours
MAT 141	Introductory Statistics	4
COM 112	Composition II	3
HLT 206	Human Anatomy and Physiology II	4
BIO 220	Microbiology	4
OR	<u>OR</u>	<u>OR</u>
BIO 225***	Microbiology for Majors	<u>4</u>
		15

Total: 63 Hours

Credit Hours

Composition I

First Semester

COM 111

^{*}Humanities Selections – a minimum of three semester hours must be earned in each of the three subgroups – Subgroup A: LIT 110, LIT 111, LIT 112, LIT 113, LIT 147, LIT 201, LIT 202, LIT 210, LIT 211, 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, 102 and 201; 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

^{***}Please check the catalog descriptions for prerequisites for BIO 225.

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

Fifth Semester CLS 448 CHE 322 CLS 321 CLS 447	Course Name Introduction to Immunology Laboratory Techniques Seminar in Clinical Laboratory Science Medical Mycology/Parasitology/Virology U.S. Communities	Credit Hours 4 1 2 4 3 14
Sixth Semester CHE 418 CHE 433 CLS 405 BIO 347	Course Name Biomolecular Laboratory Methods Physiological Chemistry Introduction to Urinalysis Medical Bacteriology Global Awareness	Credit Hours 3 4 2 4 3 16
Summer Term CLS 401 CLS 402 CLS 403 CLS 454	Course Name Introduction to Clinical Chemistry Introduction to Hematology Introduction to Immunohematology Advanced Concepts in Clinical Chemistry	2 2 2 2 2 8
Seventh Semester CLS 404 CLS 451 CLS 452	Course Name Introduction to Hemostasis Advanced Concepts in Immunohematology Advanced Concepts in Hematology Clinical Courses (see CLS website) Speaker Series (ECCE)	Credit Hours 1 2 2 7-10 1 13-16
Eighth Semester CLS 411 CLS 456	Course Name Clinical Courses (see CLS website) Clinical Education/Management Clinical Correlations	7-10 3 2 12-15 <u>Total:</u> 66 Hours