



UIS Clinical Laboratory Science
2-year Curriculum

First Year (“junior year”)

Fall Semester	Hours	Spring Semester	Hours
CHE 433 Physiol Chem	4	CHE 418 Biomolecular Lab	3
CHE 322 Lab Techniques	1	CLS 448 Intro Immunology	4
CLS 321 Seminar in CLS	2	CLS 405 Intro Urinalysis	2
CLS 447 Medical My/Pa/Virol	4	BIO 347 Med Bacti	4
ECCE Global Awareness	3	ECCE Speaker series	1
	14		14

Summer (required)

	Hours
CLS 401 Intro Clin Chemistry	2
CLS 402 Intro to Hematology	2
CLS 403 Intro Immunochem	2
CLS 454 Adv Clin Chem	2
	8

Fourth Year (“senior year”)

Fall Semester	Hours	Spring Semester	Hours
CLS 404 Intro Hemostasis	1	CLS 411 ECCE Health Care Management*	3
CLS 452 Adv Hematology	2	CLS 456 Clin Correlations	2
CLS 451 Adv Immunochem	2	Clinical rotation courses*	7-10
Clinical rotation courses*	7-10		
			12-15
	12-15		

*Clinical Rotation Courses – count as ECCE Engagement Experience and ECCE Elective. Students in the MLT Articulation Program can take these clinical rotation courses for fewer hours with proof of proficiency. CLS 411 is a ECCE U. S. Communities course.

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| CLS 421 | ECCE Clinical Chemistry Lab | 5 (includes Urinalysis, Immunology) |
| CLS 422 | ECCE Clinical Hematology Lab | 4 (includes Hemostasis) |
| CLS 423 | ECCE Clinical Microbiology Lab | 4 (includes Mycol, Parasit, Virol) |
| CLS 424 | ECCE Clinical Immunoematology Lab | 3 (Blood banking, transfusion service) |
| CLS 431 | Special Topics | 1 (can be taken for up to 4 hours for extra enhancement experiences) |