

UIS CLS 4-year Curriculum

First Year

Fall Semester	Hours	Spring Semester	Hours
ENG 101 Composition I	4	ENG 102 Composition II	4
CHE 141 Principles of Chem	4	CHE 241 Principles of Inorganic Chem	4
BIO 141 Unity of Living	4	BIO 241 or Anat & Physiol I (LLCC)	4
ECCE Comparative Societies - Soc Sci or Humanities	3	ECCE Comparative Societies – Soc Sci or Humanities	3
	15		15

Second Year

Fall Semester	Hours	Spring Semester	Hours
MATH 111 Quant Reason or Calculus	3	MATH 121 Statistics	4
CHE 367 Org (lab opt)	3	Social Science	3
Social Science	3	Humanities	3
Humanities	3	BIO 429 Human Physiology or Anat & Physiology II (LLCC)	2-4
BIO 345 Microbiology	3	COMM 101 Oral Commun	3
BIO 346 Micro Lab	1		
	16		13-17

Third Year

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

Summer (required)

	Hours
CLS 401 Intro Clin Chem	2
CLS 402 Intro to Hem	2
CLS 403 Intro Immunohem	2
CLS 454 Adv Chem	2
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Fourth Year (hospital rotations Oct-May)

Fall Semester	Hours	Spring Semester	Hours
CLS 404 Hemostasis	1	CLS 411 Educ/Mgmt	3
CLS 452 Adv Hem	2	CLS 456 Clin Correlation	2
CLS 451 Adv Immunohem	2	Clinical rotation courses*	7-10
Clinical rotation courses*	7-10		
	12-16		12-15

*Clinical Rotation Courses - 6 hours count as ECCE Engagement Experience and ECCE Elective.

CLS 411 is an ECCE U. S. Communities course.

Students in the MLT Articulation Program can take these clinical rotation courses for fewer hours with proof of proficiency.

CLS 421	Clin Chem Lab	5 (includes Urinalysis, Immunology)
CLS 422	Clin Hem Lab	4 (includes Hemostasis)
CLS 423	Clin Micro Lab	4 (includes Mycol, Parasit, Virol)
CLS 424	Clin Immunochem Lab	3
CLS 431	Special Topics	<u>1</u> (can be taken for up to 4 hours for extra enhancement experiences)

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