



College: COLLEGE OF SCIENCES (Department of Medical Laboratory Sciences)

Major: Medical Laboratory Sciences

		Hours			Hours
	ENG 101 English College Composition I	3		ENG 102 College Composition II	3
	CLS 105 MLS Survey	1			
	COM 101 Fundamentals of Oral Communication	3		BIO 124/125	4
	Math 130 College Algebra	4 -5		MATH 160 Intro to Statistics*	3-5
	CHEM 110/111	4		CHEM 112/113	4
	Semester hours	15 -16		Semester hours	14-16
		Hours			Hours
	CHEM 340/341	4		CLS 210 Introduction to MLS	3
	BIO 216 Microbiology	3		CLS 220 MLS Pathophysiology	2
	BIO 212/214 Anatomy & Physiology	3/2		Elective	9
	Elective	3			
	Semester hours	14		Semester hours	14
		Hours			Hours
	CLS 300 Clinical Hematology I	4		CLS 302 Clinical Hematology II	3
	CLS 301 Clinical Hematology I lab	1		CLS 320 Analysis of Body Fluids	3
	CLS 340 Clinical Biochem	3		CLS 321 Analysis of Body Fluids Lab	1
	CLS 341 Clinical Biochem. Lab	1		CLS 342 Clinical Biochemistry	2
	CLS 360 Clinical Microbiology	3		CLS 372 Clinical Microbiology II	3
	CLS 361 Clinical Microbiology lab	2		CLS 373 Clinical Microbiology II lab	1
	CLS 380 Clinical Immuno & Serology	3		CLS 375 Immunohematology	3
	CLS 381 Clinical Immunology lab	1		CLS 376 Immunohematology lab	1
	Semester hours	18		Semester hours	17
		Hours			Hours
	Electives:	9		CLS 490 MLS Research	2
	CLS 420 Clinical Lab Management	1		CLS 411 Hematology & Coag Practicum	1
	CLS 415 MLS Molecular Diag.	3		CLS 441 Clinical Biochem Practicum	1
	CLS 416 MLS Molecular lab	2		CLS 461 Clinical Micro Practicum	3
				CLS 471 Clinical Blood Bank Pract.	2
				CLS 483 Clinical Phlebotomy Pract.	1
				CLS 400 Comprehensive Review	4
	Semester hours	15		Semester hours	14

To begin Spring 2023 academic year. //Imj

* MATH 160 3 vs 5 credits.

This course includes a 2 hour recitation. It is open to students with a MATH ACT score below 19 or MATH SAT below

Student Name: _____

Banner ID: _____

Anticipated Graduation Date: _____

Advisor: _____

Additional comments:

WLU NOTES:

- a) at **least 36 semester hours of residence credit at WLU**
 - b) at least **16 of the last 32 hours** completed in residence at WLU
 - c) a minimum of 15 semester hours of credit in the major field of study in residence at WLU
 - d) any exception to these requirements must be approved by the Committee on Admissions and Credits.
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- b) Unless otherwise noted, students must complete **all general education requirements**, including any specific general education courses required by their majors. Students must also earn a *minimum of 120 credit hours*, although some programs may require additional hours for graduation. Of those 120 credit hours, **48 credit hours must have been earned at a four-year institution**. For programs requiring 128 credit hours, 56 credit hours must have been earned at a four-year institution. A maximum of 72 hours can be applied from two-year schools.
 - c) For graduation, all applicants must have a cumulative grade point average of at **least 2.00**. To be eligible for graduation in any Teacher Education program, a minimum cumulative grade point average of 3.0 is required. There are additional programs that require more than the minimum 2.00 for graduation; for specific departmental requirements, refer to the appropriate departmental listing in this catalog.