

AAS in Clinical Lab Sciences Degree Plan (2024-25 and 2025-26)

Arkansas State University- Jonesboro

Clinical Laboratory Science

Associate of Applied Science

Suggested Curriculum 2024-25 and 2025-26

Year 1 FALL

ENG 1003	ENGL 10103	Composition I
CHEM 1011	CHEM 14101	General Chemistry I Lab
CHEM 1013	CHEM 14103	General Chemistry I
MATH 1023	MATH 11003	College Algebra
3 credits		Computer Applications

Year 1 SPRING

ENG 1013	ENGL 10203	Composition II
BIO 2101	BIOL 20001	Microbiology Lab
BIO 2103	BIOL 20003	Microbiology
BIO 2221	BIOL 24101	Human A&P II Lab
BIO 2223	BIOL 24103	Human A&P II
CLS 1512	MLSC 11532	Principles of CLS*
CLS 1511	MLSC 11541	Principles of CLS Lab*

Year 2 FALL

CLS 2521	MLSC 22581	Hematology I Lab
CLS 2523	MLSC 22553	Hematology I
CLS 2541	MLSC 22541	Clinical Chemistry I Lab

Year 2 SPRING

CLS 1531	MLSC 11531	Body Fluids Lab
CLS 1521	MLSC 21101	Body Fluids
CLS 2531	MLSC 22531	Clinical Microbiology I Lab

CLS 2543	MLSC 22543	Clinical Chemistry I	CLS 2533	MLSC 22533	Clinical Microbiology I
CLS 2571	MLSC 22571	Immunology Lab	CLS 2561	MLSC 22561	Immunohematology I Lab
CLS 2573	MLSC 22573	Immunology I	CLS 2563	MLSC 22563	Immunohematology I
3 credits		US History/Government	CLS 3511	MLSC 42141	Parasitology Lab
			CLS 3512	MLSC 42142	Parasitology

Year 2 SUMMER with May
Interim (or Year 3 FALL)

CLS 2514	MLSC 22534	Clinical Practicum I** (Clinical Chemistry)
CLS 2524	MLSC 22544	Clinical Practicum II** (Hematology)
CLS 3514	MLSC 33504	Clinical Practicum III** (Medical Microbiology)
CLS 3524	MLSC 33604	Clinical Practicum IV** (Blood Bank)
CLS 2551	MLSC 22551	MLT Seminar

*A B or better in CLS 1511 and 1512 is required for admission into the program.

AAS in CLS students must earn a C or better in all science and math courses, and in all CLS courses.

** Clinical Practicums can be taken in any order and are offered Fall, Spring, and Summer.

Upon completion of the curriculum, the student is awarded an associate of applied science degree in Clinical Laboratory Science. Award of this degree is not dependent upon passing the national certification examination offered by the American Society for Clinical Pathology.

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