

Curriculum in Medical Laboratory Sciences

Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I	3	ENGL 1120 English Composition II	3
HIST 1010 World History I	3	HIST 1020 World History II	3
PHIL 1030 Ethics and the Health Sciences	3	BIOL 1020 Principles of Biology	3
CHEM 1110 General Chemistry I	3	BIOL 1021 Principles of Biology Laboratory	1
CHEM 1111 General Chemistry I Laboratory	1	CHEM 1120 General Chemistry for Scientists and Engineers II	3
MATH 1610 Calculus I	4	CHEM 1121 General Chemistry II Laboratory	1
	17		14

Sophomore

Fall	Hours	Spring	Hours
Core Literature I	3	Core Literature II	3
BIOL 2500 Human Anatomy and Physiology I	4	BIOL 2510 Human Anatomy and Physiology II	4
STAT 2510 Statistics for Biological and Health Sciences	3	BIOL 3000 Genetics	3
CHEM 2070 Organic Chemistry I	3	BIOL 3001 General Genetics Laboratory	1
CHEM 2071 Organic Chemistry I Laboratory	1	CHEM 2080 Organic Chemistry II	3
LBSC 2010 Basics in Laboratory Science	2	CHEM 2081 Organic Chemistry II Laboratory	1
	16		15

Junior

Fall	Hours	Spring	Hours
Core Fine Arts	3	Elective	3
BIOL 3200 General Microbiology	3	BIOL 3500 Perspectives in Immunology	3
BIOL 3201 General Microbiology Laboratory	1	LBSC 4050 Clinical Immunohematology/Parasitology	5
LBSC 4010 Hematology	5	LBSC 4250 Clinical Biochem Instrumnt²	4
BCHE 5180 Biochemistry I	3		
	15		15

Senior

Fall	Hours
Elective	3
Core Social Science	6
BIOL 5200 Clinical Microbiology	5
	14

Professional Year

Fall	Hours
Degree is granted upon successful completion of a clinical internship at a NAACLS-approved school of Clinical Laboratory Sciences (Medical Laboratory Sciences) affiliated with Auburn University.	
Clinical Internship	22
UNIV 4AA0 University Graduation	0
	22

Total Hours: 128

- ¹ CHEM 1030/CHEM 1031 and CHEM 1040/CHEM 1041 sequence can substitute for CHEM 1110/CHEM 1111 and CHEM 1120/CHEM 1121. See advisor for details.
- ² CHEM 3050/CHEM 3051 Can Substitute for LABT 4250