

Medical Laboratory Science (MLSC)

Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I		3 ENGL 1120 English Composition II	3
MATH 1610 Calculus I		4 BIOL 1020 Principles of Biology	3
CHEM 1110 General Chemistry I¹		3 BIOL 1021 Principles of Biology Laboratory	1
CHEM 1111 General Chemistry I Laboratory		1 CHEM 1120 General Chemistry for Scientists and Engineers II¹	3
Core History		3 CHEM 1121 General Chemistry II Laboratory	1
PHIL 1030 Ethics and the Health Sciences		3 Core Social Science or Humanities ²	3
		17	14

Sophomore

Fall	Hours	Spring	Hours
CHEM 2070 Organic Chemistry I		3 CHEM 2080 Organic Chemistry II	3
CHEM 2071 Organic Chemistry I Laboratory		1 CHEM 2081 Organic Chemistry II Laboratory	1
BIOL 2500 Human Anatomy and Physiology I		3 BIOL 2510 Human Anatomy and Physiology II	3
BIOL 2501 Human Anatomy and Physiology I Laboratory		1 BIOL 2511 Human Anatomy and Physiology II Laboratory	1
STAT 2510 Statistics for Biological and Health Sciences		3 BIOL 3000 Genetics	3
Core Literature		3 BIOL 3001 General Genetics Laboratory	1
LBSC 2010 Basics in Laboratory Science		2 Core History or Literature ³	3
		16	15

Junior

Fall	Hours	Spring	Hours
BIOL 3200 General Microbiology		3 LBSC 4250 Clinical Biochemistry/ Instrumentation⁴	4
BIOL 3201 General Microbiology Laboratory		1 LBSC 4050 Clinical Immunohematology/ Parasitology	5
BCHE 5180 Biochemistry I		3 BIOL 5500 Immunology	3
LBSC 4010 Hematology		3 Elective	3
LBSC 4011 Hematology Lab		2	
Core Fine Arts		3	
		15	15

Senior

Fall	Hours		
BIOL 5200 Clinical Microbiology		5	
Core Social Science		3	
Core Social Science		3	
Elective		3	
		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
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22	
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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 If a second LITERATURE sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a second HISTORY sequence is chosen, this course must be a CORE HUMANITIES.
- ³ Students must complete a sequence of EITHER History or Literature to graduate. Please select the second half of EITHER the History or Literature sequence that you began.
- ⁴ CHEM 3050+CHEM 3051 can substitute for LBSC 4250.