

Curriculum in Laboratory Sciences - Pre-Medicine

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 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 3200 General Microbiology	3
LBSC 2010 Basics in Laboratory Science		2 BIOL 3201 General Microbiology Laboratory	1
		CORE LITERATURE	3
		13	15

Junior

Fall	Hours	Spring	Hours
CORE HISTORY or LITERATURE ²		3 CHEM 3050 Analytical Chemistry	3
BIOL 1030 Organismal Biology		3 CHEM 3051 Analytical Chemistry Laboratory	1
BIOL 1031 Organismal Biology Laboratory		1 PHYS 1510 General Physics II	4
PHYS 1500 General Physics I		4 BIOL 3000 Genetics	3
LBSC 4010 Hematology		3 BIOL 3001 General Genetics Laboratory	1
LBSC 4011 Hematology Lab		2 Elective	3
		16	15

Senior

Fall	Hours	Spring	Hours
BCHE 5180 Biochemistry I		3 LBSC 4250 Clinical Biochem Instrumnt	4
BCHE 5181 Biochemistry I Laboratory		1 LBSC 4050 Clinical Immunohematology/Parasitology	5
BIOL 5200 Clinical Microbiology		5 BIOL 5500 Immunology	3
CORE SOCIAL SCI or HUM ²		3 CORE SOCIAL SCIENCE	3

CORE FINE ARTS	3 UNIV 4AA0 Creed to Succeed ³	0
	15	15

Total Hours: 120

Courses in **BOLD** will be used to calculate GPA in major.

Options for courses labeled CORE are in the Auburn University Bulletin under Core Curriculum.

- 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 This course must be taken the semester of graduation.