

AUBURN UNIVERSITY AT MONTGOMERY
ONLINE PLAN OF STUDY
COURSES REQUIRED FOR COMPLETION OF BACHELOR'S OF SCIENCE
IN MEDICAL LABORATORY SCIENCE (MLS)

Pre-Professional MLS Requirements	
<p><u>Written Composition:</u> 6 hrs (C or better in each course is required) ENGL 1010 English Composition I ENGL 1020 English Composition II</p> <p><u>Humanities and Fine Arts:</u> 12 hrs (Students must complete a 6-hour sequence in either literature or history. Students must take at least one course in literature and one course in fine arts (*). COMM 1010 or 2212 is required.) COMM 1010 Intro. to Human Comm. COMM 2212 Public Speaking ENGL 2530 Survey of Eng. Lit. I ENGL 2540 Survey of Eng. Lit. II ENGL 2570 Survey of Am. Lit. I ENGL 2580 Survey of Am. Lit. II INTL/ENGL 2600 Sur. of Lit. West. World I INTL/ENGL 2610 Sur. of Lit. West. World II VISU 1000* Art Appreciation VISU 2030* Art History I VISU 2040* Art History II MUSI 2110* Music Appreciation PHIL 2000 Reas. and Crit. Thinking PHIL 2010 Intro. to Philosophy PHIL 2100 Applied Ethics THEA 2040* Theater Appreciation FREN 1010/1020/2010/2020 French GERM 1010/1020/2010/2020 German SPAN 1010/1020/2010/2020 Spanish</p>	<p><u>History, Social and Behavioral Sciences</u> 12 hrs (Students must complete a 6-hour sequence in either literature or history. Students must take at least one course in history.) INTL/ANTH 2110 Cultural Anthropology ECON 1000 Essentials of Economics ECON 2010 Economics I (Micro) ECON 2020 Economics II (Macro) INTL/GEOG 2050 Geo. of World Regions INTL/GEOG 2150 Cultural Geography HIST 1010 World History I HIST 1020 World History II HIST 1080 US History to 1877 HIST 1090 US History Since 1877 PSYC 1000 General Psychology PSYC 2780 Human Growth & Development POLS 2020 Inst Am State Nat Gov SOCI 2000 Intro. to Sociology SOCI 2010 Social Problems</p> <p><u>Natural Sciences and Mathematics:</u> (See Notes below for additional Science and Math information.) BIOL 1010/1011 Cells, Molecules, & Life 1 with lab BIOL 2010/2011 General Microbiology BIOL 2100/2101 Human Anatomy Physiology with lab CHEM 1100/1101 General Chemistry I CHEM 1200/1201 General Chemistry II CHEM 2300/2301 Survey of Organic Chemistry MATH 1150 Pre-Calculus Algebra/Trig BIOL 2200 Biostatistics</p>

Notes:

The MLS Program requires a grade of "C" or better in all science and math courses.
 Organic Chemistry I (CHEM 3100/3101) may be taken in place of CHEM2300/2301.
 STAT 2670 and CSCI 1000 may be substituted for BIOL 2200

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 Website: www.aum.edu/mls-info

Two-Year Professional Phase Curriculum

First Year Professional Phase MLS Courses

FALL SEMESTER		SPRING SEMESTER		SUMMER SEMESTER	
CLLS 3013 - Lab Techniques	4	CLLS 3243 - Clin Hematology I	4	CLLS 3253 - Clin Hematology II	3
CLLS 3103 - Immunology/Serology	3	CLLS 3353 - Mycology/Parasit I	3	CLLS 4080 - Manage/Education (WI)	3
CLLS 3203 - Urinalysis/Body Fluids	3	CLLS 3443 - Clin Chemistry I	4		4
	10		11	CLLS 4453 - Clin Chemistry II	10

Second Year Professional Phase MLS Courses

FALL SEMESTER		SPRING SEMESTER		SUMMER SEMESTER	

CLLS 3303 - Clin Microbiology I	3	CLLS 3153 - Immunohematology I	3	CLLS 4040 - Comp. Review	1
CLLS 4263 - Clin Hematology III (WI)	5	CLLS 3313 - Clin Microbiology II	4	CLLS 4163 - Immunohematology II	3
CLLS 4463 - Clin Chemistry III	2	CLLS 3503 - Perspectives in CLS	4	CLLS 4323 - Clin Microbiology III	4
	10		11		8

Three-Year Professional Phase Curriculum

First Year Professional Phase MLS Courses

FALL SEMESTER		SPRING SEMESTER		SUMMER SEMESTER	
CLLS 3103 - Immunology/Serology	3	CLLS 3243 - Clin Hematology I	4	CLLS 3253 - Clin Hematology II	3
CLLS 3203 - Urinalysis/Body Fluids	3	CLLS 3353 - Mycology/Parasit I	3	CLLS 4080 - Manage/Education (WI)	3
	6		7		6

Second Year Professional Phase MLS Courses

FALL SEMESTER		SPRING SEMESTER		SUMMER SEMESTER	
CLLS 3013 - Lab Techniques	4	CLLS 3153 - Immunohematology I	3	CLLS 4163 - Immunohematology II	3
CLLS 4263 - Clin Hematology III	4	CLLS 3443 - Clin Chemistry I	4	CLLS 4453 - Clin Chemistry II	4
	9		7		7

Third Year Professional Phase MLS Courses

FALL SEMESTER		SPRING SEMESTER		SUMMER SEMESTER	
CLLS 3303 - Clin Microbiology I	3	CLLS 3313 - Clin Microbiology II	4	CLLS 4040 - Comp. Review	1
CLLS 4463 - Clin Chemistry III	2	CLLS 3503 - Perspectives in CLS	4	CLLS 4323 - Clin Microbiology III	4
	5		8		5

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