

NAME: \_\_\_\_\_

ID#: \_\_\_\_\_

**IN EFFECT FALL 2016**

**MEDICAL LABORATORY SCIENCE CURRICULUM (MLSC)**

**FRESHMAN YEAR**

ENGL 1100 English Comp I.....	3	ENGL 1120 English Comp II.....	3
MATH 1610 Calculus I .....	4	BIOL 1020/1021 Principles of Biology .....	4
<b>CHEM 1110 General Chemistry I<sup>1</sup>.....</b>	<b>3</b>	<b>CHEM 1120 General Chemistry II<sup>1</sup> .....</b>	<b>3</b>
<b>CHEM 1111 Chem Lab .....</b>	<b>1</b>	<b>CHEM 1121 Chem Lab .....</b>	<b>1</b>
HIST 1010 World History 1 .....	3	HIST 1020 World History II .....	3
PHIL 1030 Ethics and Health Sci .....	3		
	17		14

**SOPHOMORE YEAR**

<b>CHEM 2070 Organic Chem I .....</b>	<b>3</b>	<b>CHEM 2080 Organic Chem II .....</b>	<b>3</b>
<b>CHEM 2071 Organic Lab .....</b>	<b>1</b>	<b>CHEM 2081 Organic Lab.....</b>	<b>1</b>
BIOL 2500 Anat & Phys I .....	4	BIOL 2510 Anat & Phys II .....	4
STAT 2510 Statistics for Biol/Health.....	3	BIOL 3000 Genetics.....	4
CORE LITERATURE I.....	3	CORE LITERATURE II.....	3
<b>LBSC 2010 Basics in Lab Science .....</b>	<b>2</b>		
	16		15

**JUNIOR YEAR**

<b>BIOL 3200 Microbiology.....</b>	<b>4</b>	<b>LBSC 4250<sup>2</sup> Clin Biochem /Inst.....</b>	<b>4</b>
<b>BCHE 5180 Biochemistry I.....</b>	<b>3</b>	<b>LBSC 4050 Clin Imm/Parasit.....</b>	<b>5</b>
<b>LBSC 4010 Hematology .....</b>	<b>5</b>	<b>BIOL 3500 Perspectives in Imm .....</b>	<b>3</b>
CORE FINE ARTS.....	3	Elective.....	3
	15		15

**SENIOR YEAR**

<b>BIOL 5200 Clinical Micro.....</b>	<b>5</b>
CORE SOCIAL SCIENCE.....	3
CORE SOCIAL SCIENCE.....	3
Elective .....	3
	14

**PROFESSIONAL YEAR: 22**  
**Clinical Internship**

**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.**

**TOTAL HOURS 128**

Long range schedules for COSAM courses are online at [www.auburn.edu/cosam/students/](http://www.auburn.edu/cosam/students/)

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

Options for courses labeled CORE are in the Auburn University Bulletin ([www.auburn.edu/bulletin](http://www.auburn.edu/bulletin)) under Core Curriculum.

<sup>1</sup> CHEM 1030/1031 and 1040/1041 sequence can substitute for CHEM 1110/1111 and 1120/1121. See advisor for details.

<sup>2</sup> CHEM 3050/51 can substitute for LBSC 4250.