

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

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

**IN EFFECT FALL 2016**

**LABORATORY SCIENCE CURRICULUM (LBSC)**

**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 I <sup>2</sup> .....	3	HIST 1020 World History II <sup>2</sup> .....	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	<b>BIOL 3200 Microbiology .....</b>	<b>4</b>
CORE LITERATURE I.....	3	CORE LITERATURE II.....	3
<b>LBSC 2010 Basics in Lab Science .....</b>	<b>2</b>		
	16		15

**JUNIOR YEAR**

BIOL 5200 Clinical Micro.....	5	<b>CHEM 3050 Analytical Chem.....</b>	<b>3</b>
BIOL 3000 Genetics .....	4	<b>CHEM 3051 Analytical Lab .....</b>	<b>1</b>
<b>LBSC 4010 Hematology.....</b>	<b>5</b>	<b>BIOL 3500 Perspectives of Imm. ....</b>	<b>3</b>
		CORE FINE ARTS .....	3
		CORE SOCIAL SCIENCE .....	3
	14		13

**SENIOR YEAR**

<b>BCHE 5180 Biochemistry I.....</b>	<b>3</b>	<b>LBSC 4250 Clin Biochem Instr .....</b>	<b>4</b>
<b>BCHE 5181 Biochemistry Lab.....</b>	<b>1</b>	<b>LBSC 4050 Clin Imm/Parasit.....</b>	<b>5</b>
Tech Elective <sup>3</sup> .....	6	Tech Elective <sup>3</sup> .....	3
CORE SOCIAL SCIENCE.....	3	Elective.....	3
Elective .....	3		
	16		15

**TOTAL HOURS 120**

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> Students who have AP or transfer credit for US History should talk to an advisor about CORE SOC SCI choices.

<sup>3</sup> Approved Tech Electives are on the back of this sheet.

## **TECHNICAL ELECTIVES**

**Students must meet with their LABT advisor and have technical electives approved in advance. An approval form must be on file in the Dean's office in order to be cleared for graduation.**

MATH courses higher than Calculus I

Physics 1500 and above

BCHE 5190

Upper level Chemistry classes higher than those required

Upper level BIOL courses

Others by advisor approval