

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

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

**IN EFFECT FALL 2016**

**PHYSICS CURRICULUM (PHYS)**

**FRESHMAN YEAR**

ENGL 1100 English Comp I .....	3	ENGL 1120 English Comp II .....	3
<b>MATH 1610 Calculus I .....</b>	<b>4</b>	<b>MATH 1620 Calculus II .....</b>	<b>4</b>
<b>PHYS 1607 Physics I .....</b>	<b>4</b>	<b>PHYS 1617 Physics II .....</b>	<b>4</b>
CORE FINE ARTS.....	3	CORE HISTORY OR LIT <sup>1</sup> .....	3
	14		14

**SOPHOMORE YEAR**

<b>MATH 2630 Calculus III .....</b>	<b>4</b>	<b>MATH 2650 Differential Eq. ....</b>	<b>3</b>
<b>PHYS 2200 Intro Quant Phys.....</b>	<b>3</b>	<b>PHYS 2300 Physics Lab Skills .....</b>	<b>2</b>
CORE HISTORY .....	3	CORE HUMANITIES OR SOC. SCI <sup>2</sup> .....	3
COMM 1000 Public Speaking.....	3	<b>PHYS 2100 Intermed Mech .....</b>	<b>3</b>
CORE LITERATURE .....	3	Elective .....	3
	16		14

**JUNIOR YEAR**

<b>PHYS 3100 Intermediate E&amp;M.....</b>	<b>3</b>	<b>PHYS 3200 Stat Thermo .....</b>	<b>3</b>
<b>PHYS 4100 Quantum Mech.....</b>	<b>3</b>	<b>Professional Elective<sup>5</sup> .....</b>	<b>3</b>
CORE SOCIAL SCIENCE <sup>3</sup> .....	3	CORE SOCIAL SCIENCE <sup>3</sup> .....	3
Science Elective <sup>4</sup> .....	4	Science Elective <sup>4</sup> .....	4
Elective .....	3	Elective .....	3
	16		16

**SENIOR YEAR**

<b>PHYS 4200 Fund Exp in Physics.....</b>	<b>2</b>	<b>Physics Elective<sup>5</sup> .....</b>	<b>3</b>
<b>Professional Elective<sup>5</sup> .....</b>	<b>3</b>	<b>Professional Elective<sup>5</sup> .....</b>	<b>4</b>
Elective .....	3	<b>Professional Elective<sup>5</sup> .....</b>	<b>3</b>
Elective .....	3	Elective .....	3
Elective .....	3	Elective .....	3
	14		16

**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> Students must complete a two-course sequence in either HIST or LIT (for example, World History 1 and 2 or American Lit 1 and 2). For complete HIST and LIT sequence options, see the Bulletin.

<sup>2</sup> If a LIT sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a HIST sequence is chosen, this course must be a CORE HUMANITIES.

<sup>3</sup> Students who have AP or transfer credit for US History should talk to an advisor about CORE SOC SCI choices.

<sup>4</sup> Science Electives consist of a sequence of GEOL 1100-1110 or CHEM 1030/1031 – 1040/1041 or BIOL 1020-1030.

<sup>5</sup> PHYS and Professional Electives must be at the 3000 level or higher. A Plan of Study indicating choices and physics advisor approval for Physics and Professional electives must be on file in the Dean's Office before scheduling those courses.