

NAME: _____

ID#: _____

IN EFFECT FALL 2009

PHYSICS CURRICULUM (PHYS)

FRESHMAN YEAR

ENGL 1100 English Comp I.....	3	ENGL 1120 English Comp II.....	3
MATH 1610 Calculus I.....	4	MATH 1620 Calculus II.....	4
PHYS 1607/1608 Physics I.....	4	PHYS 1617/1618 Physics II.....	4
CORE FINE ARTS	3	CORE PHILOSOPHY	3
	14		14

SOPHOMORE YEAR

MATH 2630 Calculus III.....	4	MATH 2650 Differential Equa.....	3
PHYS 2200 Intro Quant Phys	3	PHYS 2300 Physics Lab Skills.....	2
CORE HISTORY I.....	3	CORE HISTORY II.....	3
COMM 1000 Public Speaking	3	PHYS 2100 Intermed Mech.....	3
ENGL 2200 World Literature I.....	3	ENGL 2210 World Literature II.....	3
	16		14

JUNIOR YEAR

PHYS 3100 Intermediate E&M	3	PHYS 3200 Stat Thermo.....	3
PHYS 4100 Quantum Mech.....	3	Professional Elective	3
CORE SOC SCI GROUP I.....	3	CORE SOC SCI GROUP II	3
Science Elective	4	Science Elective.....	4
Elective	3	Elective.....	3
	16		16

SENIOR YEAR

PHYS 4200 Fund Exp in Physics	2	Physics Elective	3
Professional Elective	3	Professional Elective	4
Elective	3	Professional Elective	3
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/registration/
 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.
 Science Electives consist of a sequence of GEOL 1100-1110 or CHEM 1030/1031 – 1040/1041 or BIOL 1020-1030.
 Professional Electives must be at the 3000 level or higher.
 A Plan of Study indicating choices and advisor approval for Physics and Professional electives must be on file in the Dean's Office before scheduling those courses.

COSAM Science Majors Curriculum Sheet Option:

The following two course series is recommended as electives for those students seriously considering a career in teaching in secondary schools (grades 6-12) or junior colleges. These courses can be applied towards the alternative fifth year masters degree for becoming a licensed science teacher. Please contact the secondary science education program coordinator in the Department of Curriculum and Teaching for more information and permission to take these courses. Seating is limited each semester.

*CTSE 4090: Science Methods I (fall term)

OR

*CTSE 4100: Science Methods II (spring term)

RSED 5000: Study of Exceptionality

*Pre-requisite requirement: 2.5 'un-gapped' grade point average in science and 2.5 'un-gapped' overall grade point average; commitment to an eight hour weekly field component in local schools