

IN EFFECT FALL 2009**PRE-PHYSICAL THERAPY CURRICULUM (PPHS)****FRESHMAN YEAR**

ENGL 1100 English Comp I.....	3	ENGL 1120 English Comp II.....	3
MATH 1610 Calculus I.....	4	HIST 1010 World History I.....	3
CHEM 1030 Fund of Chem I.....	3	CHEM 1040 Fund of Chem II.....	3
CHEM 1031 Chem Lab.....	1	CHEM 1041 Chem Lab.....	1
BIOL 1020/1021 Principles of Biology.....	4	BIOL 1030/1031 Organismal Biol.....	4
SCMH 1890 Pre-health Orient.....	1	COMP 1000*.....	2
	16		16

SOPHOMORE YEAR

**CHEM 2070 Organic Chem I.....	3	BIOL 3000 Genetics.....	4
**CHEM 2071 Organic Lab.....	1	PSYC 2010 Intro to Psychology.....	3
HIST 1020 World History II.....	3	CORE GRP II SOCIAL SCIENCE.....	3
PHYS 1500/1501 Physics I.....	4	PHYS 1510/1511 Physics II.....	4
ENGL 2200 World Literature I.....	3	ENGL 2210 World Literature II.....	3
COMM 1000 Public Speaking.....	3		
	17		17

JUNIOR YEAR

BIOL 2500 Anat & Phys I.....	4	BIOL 2510 Anat & Phys II.....	4
BIOL 3200 Microbiology.....	4	Psychology Elective.....	3
STAT 2510 Statistics.....	3	PHIL 1030 Ethics & Health Sciences.....	3
PSYC 2120 Developmental Psych.....	3	Major.....	4
CORE FINE ARTS.....	3		14
	17		

SENIOR YEAR

Major.....	11	Major.....	10
Elective.....	2	Elective.....	2
	13		12

TOTAL HOURS 122

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.

Students not prepared for MATH 1610 will meet with advisor to determine appropriate math course.

Chemistry may be started with CHEM 1110. See advisor for details.

*Elective hours may be substituted upon passing COMP 1000 competency test. See

http://frontpage.auburn.edu/comp1000/placement_exam.htm for information about the test.

At the end of the sophomore, or beginning of junior year, all students must declare a major. Students must complete all requirements for that major prior to graduation.

Students planning a physics major should consult with the pre-health advisor.

**Students planning a major in Biomedical Sciences should take CHEM 2080/81 as their professional elective in their sophomore or junior year. (See reverse side)

SCIENCES AND MATHEMATICS PRE-HEALTH MAJORS

BIOMEDICAL SCIENCES: BCHE 5180, 5190; BIOL 5500; 5600; 3010 or 4000; two credits of undergraduate research; and 4 hours professional elective. **Pre-physical therapy majors must take CHEM 2080 and CHEM 2081 as their professional elective in their sophomore or junior year. See advisor for details.**

MICROBIOLOGY: BIOL 4200, 5220, 5230, 5500, and 12 hours from BIOL 4000, 4970 (maximum of 4 hours), 4980 (maximum of 4 hours), 5110, 5190, 5210, 5340, 5501, 5521, 5600, 5660, 5700, BCHE 5180, 5181, 5190, 5191 and PLPA 3000.

PHYSICS: MATH 1620, 2630, and 2690; PHYS 1607 & 1617 (in place of PHYS 1500 & 1510), PHYS 2200, 2100, 2300, 3100, 3200, and, 3500

ZOOLOGY: Select 11 hours from BIOL 3030, 3060, 4010, 4020, and select 14 hours from 3010, 4000, 5110, and 5600.

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