

NAME: _____

ID#: _____

IN EFFECT FALL 2009**BIOMEDICAL SCIENCE, PRE-PHARMACY (BMSC, PPHR)****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		
	16		14

SOPHOMORE YEAR

CHEM 2070 Organic Chem I.....	3	CHEM 2080 Organic Chem II.....	3
CHEM 2071 Organic Lab.....	1	CHEM 2081 Organic II Lab.....	1
HIST 1020 World History II.....	3	CORE GRP II SOCIAL SCIENCE.....	3
BIOL 2500 Anat & Phys I.....	4	BIOL 2510 Anat & Phys II.....	4
ENGL 2200 World Lit I.....	3	ENGL 2210 World Lit. II.....	3
COMM 1000 Public Speaking.....	3	CORE SOC SCI GROUP I.....	3
	17		17

JUNIOR YEAR

PHYS 1500/1501 Physics I.....	4	PHYS 1510/1511 Physics II.....	4
BIOL 3200 Microbiology.....	4	BIOL 3500 Persp. in Immunology.....	3
STAT 2510 Statistics.....	3	BIOL 3020 Genomic Biology.....	4
*BCHE 3200 Prin of Biochem.....	3	Professional Elective Group A**.....	4
	14		15

SENIOR YEAR

Professional Elective Group B**.....	3	BIOL 5600 Mammalian Phys.....	6
*CHEM 3160 or CHEM 3050.....	3	BIOL 3010 or 4000.....	4
COMP 1000***.....	2	Elective.....	2
CORE FINE ARTS.....	3	PHIL 1030 Ethics & Health Sciences.....	3
Elective.....	3		
	14		15

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.

*Students may choose to complete BCHE 5180 & 5190 in lieu of BCHE 3200 & CHEM 3160 or 3050.

** Professional Electives Group A and B are listed on the back of this sheet.

***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.

Professional Electives

Group A

Group A Professional elective is a foreign language or any 3000+ level course in BIOL, CHEM or PHYS.

Group B

ACCT 2110	Principles of Financial Accounting
ACCT 2210	Principles of Managerial Accounting
COMM 2400	Communication in Organizations
COUN 3100	Counseling and Human Services
HADM 3300	Introduction to Health Administration
HADM 3700	Legal Structure of Health Administration
JRNL 2320	Basics of Journalism
MKTG 3310	Principles of Marketing
MNGT 3100	Principles of Management
PSYC 3560	Abnormal Psychology
SOCY 4200	Medical Sociology
BIOL 4200	Clinical Microbiology
BIOL 5230	Virology
PSYC 2120	Developmental Psychology
	Foreign Language

Students planning to apply to Pharmacy schools other than Auburn may petition the COSAM Dean's Office to have pre-requisite courses not included on this model count as Group B Professional electives.

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