

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

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

**IN EFFECT FALL 2009****CHEMISTRY CURRICULUM (CHEM) PMED, PDEN, & POPT  
BACHELOR OF ARTS OPTION****FRESHMAN YEAR**

ENGL 1100 English Comp I..... 3	ENGL 1120 English Comp II.....3
MATH 1610 Calculus I..... 4	MATH 1620 Calculus II .....4
<b>CHEM 1110 General Chemistry I ..... 3</b>	<b>CHEM 1120 General Chemistry II .....3</b>
<b>CHEM 1111 Chem Lab..... 1</b>	<b>CHEM 1121 Chem Lab .....1</b>
BIOL 1020/1021 Principles of Biology..... 4	BIOL 1030/1031 Organismal Biology.....4
SCMH1890 PreHealth Orientation..... 1	
16	15

**SOPHOMORE YEAR**

<b>CHEM 2070 Organic Chem I..... 3</b>	<b>CHEM 2080 Organic Chem II.....3</b>
<b>CHEM 2071 Organic Lab ..... 1</b>	<b>CHEM 2081 Organic Lab.....1</b>
PHYS 1500/1501 Physics I & Lab..... 4	PHYS 1510/1511 Physics II & Lab.....4
<b>CHEM 3050 Analytical Chem..... 3</b>	ENGL 2200 World Literature I .....3
<b>CHEM 3051 Analytical Lab..... 1</b>	BIOL 3000 Genetics .....4
Elective ..... 3	
15	15

**JUNIOR YEAR**

<b>BCHE 5180 Biochemistry I..... 3</b>	<b>CHEM 3000 Chemical Literature ..... 1</b>
<b>BCHE 5181 Biochemistry Lab ..... 1</b>	Foreign Language .....4
<b>CHEM 3160 Physical Chemistry ..... 3</b>	CORE GROUP I SOC SCI .....3
Foreign Language..... 4	CORE FINE ARTS.....3
ENGL 2210 World Literature II..... 3	BIOL3200 Microbiology .....4
14	15

**SENIOR YEAR**

<b>BCHE5190 Biochemistry II..... 3</b>	<b>CHEM Elective* .....4</b>
<b>BCHE 5191 Biochemistry Lab .....1</b>	CORE HISTORY II.....3
CORE HISTORY I..... 3	CORE PHILOSOPHY .....3
CORE GROUP II SOC SCI..... 3	Elective .....4
Elective ..... 6	
16	14

**TOTAL HOURS 120**

Long range schedules for COSAM courses are online at [www.auburn.edu/cosam/students/registration/](http://www.auburn.edu/cosam/students/registration/)  
Students planning for medical, dental, or optometry schools should contact the Dean's Office for suggested electives.

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.

The Chemistry 1030/1031 and 1040/1041 sequence can substitute for 1110/1111 and 1120/1121. See advisor for details.

- CHEM Electives are defined as any CHEM course 3000-level and above.

## **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