

NAME: _____

ID#: _____

IN EFFECT FALL 2009**CHEMISTRY CURRICULUM (CHEM)
BACHELOR OF SCIENCE 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
CHEM 1110 General Chemistry I.....	3	CHEM 1120 General Chemistry II.....	3
CHEM 1111 Chem Lab.....	1	CHEM 1121 Chem Lab.....	1
CORE HISTORY I.....	3	CORE HISTORY II.....	3
	14		14

SOPHOMORE YEAR

CHEM 2070 Organic Chem I.....	3	CHEM 2080 Organic Chem II.....	3
CHEM 2071 Organic Lab.....	1	CHEM 2081 Organic lab.....	1
MATH 2630 Calculus III.....	4	MATH 2650 Linear Diff Eq.....	3
PHYS 1600/1601 Engr Physics I & Lab.....	4	PHYS 1610/1611 Engr Physics II & Lab.....	4
CHEM 3050 Analytical Chem I.....	3	ENGL 2200 World Literature I.....	3
CHEM 3051 Analytical Lab.....	1	Elective.....	1
	16		15

JUNIOR YEAR

CHEM 4070 Physical Chemistry I.....	3	CHEM 4080 Physical Chemistry II.....	3
CHEM 4071 Physical Chem Lab.....	1	CHEM 4081 Physical Chem Lab II.....	1
BCHE 5180 Biochemistry I.....	3	CORE GROUP I SOC SCI.....	3
BCHE 5181 Biochemistry Lab.....	1	CHEM 3000 Chemical Literature.....	1
MATH 2660 Topics in Linear Algebra.....	3	BCHE 5190 Biochemistry II.....	3
Elective.....	3	BCHE 5191 Biochemistry Lab.....	1
	14	ENGL 2210 World Literature II.....	3
			15

SENIOR YEAR

CHEM 4100 Inorganic Chemistry.....	3	CHEM 4110 Inorganic Chemistry.....	3
CHEM 4101 Inorganic Lab.....	1	CHEM 4111 Inorganic Chem Lab.....	1
CHEM 5280 Computational Chem.....	4	CHEM 4901 *Special Problems.....	3
CORE FINE ARTS.....	3	CORE PHILOSOPHY.....	3
CORE GROUP II SOC SCI.....	3	CHEM 4950.....	1
Elective.....	3	CHEM 4130 Instr. Analysis.....	3
	17	CHEM 4131 Instr. Analysis Lab.....	1
			15

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.

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 CHEM 1110/1111 and 1120/1121.

See advisor for details.

*May take more CHEM 4901 as additional elective hours.

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