

NAME: _____

ID#: _____

IN EFFECT FALL 2017**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 I³.....3	CHEM 1120 General Chemistry II³ 3
CHEM 1111 Gen Chem I Lab.....1	CHEM 1121 Gen Chem II Lab 1
CORE HISTORY I3	CORE HISTORY II 3
14	14

SOPHOMORE YEAR

CHEM 2070 Organic Chem I.....3	CHEM 2080 Organic Chem II..... 3
CHEM 2071 Organic I Lab.....1	CHEM 2081 Organic II Lab..... 1
MATH 2630 Calculus III4	MATH 2650 Linear Diff Eq..... 3
PHYS 1600 Engr Physics I4	PHYS 1610 Engr Physics II 4
CHEM 3050 Analytical Chem.....3	CORE 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 I Lab1	CHEM 4081 Physical Chem II Lab..... 1
BCHE 5180 Biochemistry I3	CORE SOCIAL SCIENCE ¹ 3
BCHE 5181 Biochemistry I Lab1	CHEM 3000 Chemical Literature..... 1
MATH 2660 Topics in Linear Algebra.....3	BCHE 5190 Biochemistry II..... 3
Elective.....3	BCHE 5191 Biochemistry II Lab..... 1
14	CORE LITERATURE II 3
	15

SENIOR YEAR

CHEM 4100 Inorganic Chemistry I.....3	CHEM 4110 Inorganic Chemistry II..... 3
CHEM 4101 Inorganic I Lab1	CHEM 4111 Inorganic Chem II Lab..... 1
CHEM 5280 Computational Chem4	CHEM 4980 Undergrad Research²..... 3
CORE FINE ARTS3	CORE HUMANITIES 3
CORE SOCIAL SCIENCE ¹3	CHEM 4950.....1
Elective.....3	CHEM 4130 Instr. Analysis..... 3
17	CHEM 4131 Instr. Analysis Lab..... 1
	15

TOTAL HOURS 120Long range schedules for COSAM courses are online at www.auburn.edu/cosam/students/Courses in **BOLD** will be used to calculate GPA in major.Options for courses labeled CORE are in the Auburn University Bulletin (www.auburn.edu/bulletin) under Core Curriculum.¹ Students who have AP or transfer credit for US History should talk to an advisor about CORE SOC SCI choices.² Students may take more CHEM 4980 as additional elective hours.³ CHEM 1030/1031 and 1040/1041 sequence can substitute for CHEM 1110/1111 and 1120/1121. See advisor for details.