

NAME: _____

ID#: _____

IN EFFECT FALL 2021**CHEMISTRY CURRICULUM (CHEM)
BACHELOR OF SCIENCE OPTION****FRESHMAN YEAR**

ENGL 1100 English Composition I.....3	ENGL 1120 English Composition II3
MATH 1610 Calculus I.....4	MATH 1620 Calculus II.....4
CHEM 1110 General Chemistry I¹3	CHEM 1120 General Chemistry II¹3
CHEM 1111 General Chemistry I Lab.....1	CHEM 1121 General Chemistry II Lab1
CORE HISTORY3	CORE SOCIAL SCIENCE.....3
14	14

SOPHOMORE YEAR

CHEM 2070 Organic Chemistry I3	CHEM 2080 Organic Chemistry II.....3
CHEM 2071 Organic Chemistry I Lab.....1	CHEM 2081 Organic Chemistry II Lab1
MATH 2630 Calculus III.....4	MATH 2650 Linear Differential Equations.....3
PHYS 1600 Engineering Physics I4	PHYS 1610 Engineering Physics II4
CHEM 3050 Analytical Chemistry3	CORE LITERATURE3
CHEM 3051 Analytical Chemistry Lab.....1	Free Elective.....1
16	15

JUNIOR YEAR

CHEM 4070 Physical Chemistry I3	CHEM 4080 Physical Chemistry II.....3
CHEM 4071 Physical Chemistry I Lab1	CHEM 4081 Physical Chemistry II Lab.....1
BCHE 5180 Biochemistry I.....3	CORE SOCIAL SCIENCE.....3
BCHE 5181 Biochemistry I Lab.....1	CHEM 3000 Chemical Literature1
MATH 2660 Topics in Linear Algebra3	BCHE 5190 Biochemistry II3
Free Elective.....3	BCHE 5191 Biochemistry II Lab1
14	CORE HISTORY or LITERATURE²3
	15

SENIOR YEAR

CHEM 4100 Inorganic Chemistry I.....3	CHEM 4110 Inorganic Chemistry II3
CHEM 4101 Inorganic Chemistry I Lab.....1	CHEM 4111 Inorganic Chemistry II Lab1
CHEM 5280 Computational Chemistry4	CHEM 4980 Undergraduate Research³3
CORE FINE ARTS3	CORE HUMANITIES.....3
CORE SOCIAL SCI or HUM ²3	CHEM 4950 Undergraduate Seminar1
Free Elective.....3	CHEM 4130 Instrumental Analysis3
17	CHEM 4131 Instrumental Analysis Lab1
	UNIV 4AA0 SM1 University Graduation.....0
	15

TOTAL HOURS 120

Long range schedules for COSAM courses are online at <http://aub.ie/cosamlrs>

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

² If a second LITERATURE sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a second HISTORY sequence is chosen, this course must be a CORE HUMANITIES.

³ Students may take more CHEM 4980 as additional elective hours.