

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

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

**IN EFFECT FALL 2021****CHEMISTRY CURRICULUM (CHMA)  
BACHELOR OF ARTS OPTION****FRESHMAN YEAR**

|   |  |
|---|--|
| ENGL 1100 English Composition I.....3                   | ENGL 1120 English Composition II .....3                  |
| MATH 1610 Calculus I.....4                              | MATH 1620 Calculus II.....4                              |
| <b>CHEM 1110 General Chemistry I<sup>1</sup> .....3</b> | <b>CHEM 1120 General Chemistry II<sup>1</sup> .....3</b> |
| <b>CHEM 1111 General Chemistry I Lab.....1</b>          | <b>CHEM 1121 General Chemistry II Lab .....1</b>         |
| BIOL 1020 Principles of Biology.....3                   | BIOL 1030 Organismal Biology .....3                      |
| BIOL 1021 Principles of Biology Lab.....1               | BIOL 1031 Organismal Biology Lab .....1                  |
| 15  | 15   |

**SOPHOMORE YEAR**

|   |  |
|---|--|
| <b>CHEM 2070 Organic Chemistry I .....3</b>     | <b>CHEM 2080 Organic Chemistry II.....3</b>      |
| <b>CHEM 2071 Organic Chemistry I Lab.....1</b>  | <b>CHEM 2081 Organic Chemistry II Lab .....1</b> |
| PHYS 1500 General Physics I <sup>2</sup> .....4 | PHYS 1510 General Physics II <sup>2</sup> .....4 |
| <b>CHEM 3050 Analytical Chemistry .....3</b>    | CORE HISTORY .....3                              |
| <b>CHEM 3051 Analytical Chemistry Lab.....1</b> | COMM 1000 Public Speaking.....3                  |
| Elective .....4                                 |  |
| 16  | 14   |

**JUNIOR YEAR**

|   |  |
|---|--|
| <b>BCHE 5180 Biochemistry I.....3</b>     | <b>CHEM 3000 Chemical Literature.....1</b> |
| <b>BCHE 5181 Biochemistry I Lab.....1</b> | Foreign Language .....4                    |
| <b>CHEM 3160 Physical Chemistry.....3</b> | CORE SOCIAL SCIENCE.....3                  |
| Foreign Language .....4                   | CORE FINE ARTS .....3                      |
| CORE LITERATURE .....3                    | Elective .....4                            |
| 14  | 15   |

**SENIOR YEAR**

|  |  |
|--|--|
| <b>CHEM Elective<sup>3</sup> .....4</b>        | <b>CHEM Elective<sup>3</sup> .....3</b>    |
| CORE HISTORY or LITERATURE <sup>4</sup> .....3 | CORE SOCIAL SCI or HUM <sup>4</sup> .....3 |
| CORE SOCIAL SCIENCE.....3                      | Elective .....9                            |
| Elective.....6                                 | UNIV 4AA0 SM1 University Graduation.....0  |
| 16   | 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](http://www.auburn.edu/bulletin)) under Core Curriculum.

<sup>1</sup> CHEM 1030/1031 and 1040/1041 sequence can substitute for CHEM 1110/1111 and 1120/1121. See advisor for details.

<sup>2</sup> PHYS 1600/1610 can count in place of PHYS 1500/1510 if the student chooses to take the calculus-based physics.

<sup>3</sup> Approved CHEM Electives can be found on the back of this sheet.

<sup>4</sup> 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.

### Approved CHEM Electives

BCHE 5190 Biochemistry II (3).....Offered Spring/Fall semesters  
BCHE 5191 Biochemistry II Lab (1).....Offered Spring/Fall semesters  
CHEM 4100 Inorganic Chemistry I (3).....Offered Fall only  
CHEM 4101 Inorganic Chemistry I Lab (1).....Offered Fall only  
CHEM 4110 Inorganic Chemistry II (3).....Offered Spring only, must have completed CHEM 4100  
CHEM 4111 Inorganic Chemistry Lab II (1) .....Offered Spring only, must have completed CHEM 4101  
CHEM 4130 Instrumental Analysis (3).....Offered Spring only  
CHEM 4131 Instrumental Analysis Lab (1).....Offered Spring only  
CHEM 4980 Undergraduate Research .....(a maximum of 9 hours may be counted)

\*\*Other options may exist for students who have completed MATH 2630, MATH 2650 and have taken PHYS 1600/1610. See advisor for details if this applies to you.