

## Chemistry with a Concentration in Chemical Physics Course Planning Guide (B.S.)

- Does **not** guarantee course availability and must be used in consultation with your Academic Advisor.\*\*
- Some courses are only offered in Fall or Spring semesters
- Area B through Area E courses are offered as suggestions.
- Check for pre-requisites.

| <u>Freshman Year</u> (through summer)           | <u>Hours</u> |
|---|--------------|
| ENGL 1101 ("C" or better)                       | 3            |
| ENGL 1102 ("C" or better)                       | 3            |
| MATH 1450                                       | 4            |
| MATH 2460                                       | 4            |
| CHEM 1211/1211L (required in Area F)            | 3/1          |
| CHEM 1212/1212L                                 | 3/1          |
| Area E - Social Science                         | 3            |
| Area C – Fine Arts – COMM 1110 recommended      | 3            |
| Area B – Modern Language 1001                   | 4            |
| <u>Sophomore Year</u> (through summer)          |              |
| CHEM 3441/3441L                                 | 3/1          |
| CHEM 3442/3442L                                 | 3/1          |
| CHEM 2734/2734L                                 | 3/2          |
| PHYS 2211/2211L                                 | 3/1          |
| PHYS 2212/2212L                                 | 3/1          |
| MATH 2470                                       | 4            |
| Modern Language 1002                            | 4            |
| Area C – Literature or Modern Lang 2001 or 2002 | 3            |
| Area E Behavior Science                         | 3            |
| <u>Junior Year</u> (through summer)             |              |
| CHEM 3541/3541L (offered in Fall)               | 3/1          |
| CHEM 4841K                                      | 4            |
| CHEM 3542/3542L (offered in Spring)             | 3/1          |
| CHEM 3911                                       | 1            |
| BIOL 1107K (suggested in Area D)                | 4            |
| BIOL 1108K (suggested in Area D)                | 4            |
| MATH 3000 or 3650                               | 3            |
| Area E – US/GA History Government               | 3            |
| Area B – Global Course                          | 3            |

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If you need this document in an alternate format for accessibility purposes (e.g. Braille, large print, audio, etc.), please contact Terri Carroll at [terri.carroll@ung.edu](mailto:terri.carroll@ung.edu) or 678-717-3846.

(Updated 9/08/2021)

## Senior Year

|                                |   |
|--------------------------------|---|
| CHEM 4244 (offered in Fall)    | 3 |
| CHEM 4744K (offered in Fall)   | 4 |
| CHEM 4244L (offered in Spring) | 1 |
| CHEM 4912                      | 1 |
| MATH 3000 or 3650              | 3 |

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### \*\*\*To be completed/substituted throughout Junior and Senior Years:

|  |   |
|--|---|
| 4 hours PHYS 3XXX or 4XXX elective – See Major Advisor               | 4 |
| 3 hours MATH 3XXX or 4XXX elective – See Major Advisor               | 3 |
| 2 hours of CHEM 4XXX elective – See Major Advisor                    | 2 |
| 6 hours free electives with enough 3000-4000 level to reach 39 total | 6 |

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|                             |            |
|-----------------------------|------------|
| <b>Total semester hours</b> | <b>120</b> |
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