YEAR: 2019-2020

## **CURRICULUM IN CHEMISTRY--CONCENTRATION 2 (BIOCHEMISTRY)** (NON-ACS CERTIFIED)

| 210DEN1:                       |               |                                  |   |  | VV#   |                                       |             |
|--------------------------------|---------------|----------------------------------|---|--|---|---------------------------------------|-------------|
| LAST                           |               | FIRST                            | M.I.                                    |  |   |                                       |             |
| CHEMISTRY (41)<br>††CHEM 121 3 |               | <b>BIOL. SCI. (7)</b> GBIO 151 3 |   | ł.   | ORIENTATION & P/F (2 or 0 <sup>1</sup> )  1SE 101 (0-2 hours) |                                       |             |
| ††CLAB 123                     | 1             | BIOL 152                         |   |  | 02 101 (  | 5 2 Hours)                            |             |
| ††CHEM 122                     | 3             | GBIO 153                         |   |  |   |                                       |             |
| ††CLAB 124                     | 1             | ODIO 133                         |   | <u>,                                    </u> |   |                                       |             |
| †CHEM 221                      | 3             | COMP. So                         | CL (3)                                  |  |   | <del></del> -                         |             |
|                                |               | CMPS 120                         |   | •  |   |                                       |             |
| ††CHEM 251                     | 3             | CIVIPS 120                       | 0 or 161 <b>3</b>                       | <u> </u>                                     | OTLIED (  |                                       |             |
| ††CLAB 256                     | 1             |                                  | <b>-0</b> (40 401)                      |  | OTHER (1  |                                       |             |
| ††CHEM 265                     | 3             | ELECTIVI                         | ES (10 or 12 <sup>1</sup> )             |  | ⁵ARTS EL  | · · · · · · · · · · · · · · · · · · · | 3           |
| ††CLAB 267                     | 1             |                                  |   |  | HIST ELE  |                                       | 3           |
| ††CHEM 266                     | 3             |                                  |   |  | <sup>6</sup> SS ELEC  | · · · · · · · · · · · · · · · · · · · | 3           |
| ††CLAB 268                     | 1             |                                  |   |  | <sup>6</sup> SS ELEC  | · · · · · · · · · · · · · · · · · · · | 3           |
| †CHEM 271                      | 3             |                                  |   |  | <sup>2</sup> FLAN 20  |                                       |             |
| †CLAB 274                      | 1             |                                  |   |  | or COM  | Л 211                                 | 3           |
| †CHEM 395                      | 3             | <u>ENGLISH</u>                   |   |  | LS 102  |                                       | 1           |
| †CLAB 391                      | 1             | ENGL 101                         | I/121H <u>3</u>                         | 3  |   |                                       |             |
| †CHEM 401                      | 1             | ENGL 102                         | 2/122H 3                                | 3  | PHYSICS   | <u>(8)</u>                            |             |
| †CHEM 410                      | 1             | ENGL 230                         | 0/231/232                               | 3  | PHYS 221  | I                                     | 3           |
| †CHEM 481                      | 3             |                                  |   |  | PLAB 223  | •                                     | 1           |
| †CLAB 485                      | 1             | <sup>†4</sup> CONC E             | LECT (7)                                |  | PHYS 222  | 2                                     | 3           |
| †CHEM 482                      | 3             |                                  |   |  | PLAB 224  |                                       | 1           |
| †CLAB 486                      | 1             | -                                |   | <del></del>                                  |   | •                                     |             |
| 102.12.100                     | <del></del> - | -                                |   |  | MATHEM  | ATICS (10)                            |             |
| †3CHEM ELECT (7)               |               | -                                |   |  | MATH 200  |                                       | 5           |
| · CHEW ELECT (1)               | 3             |                                  |   |  | MATH 20   |                                       | 5           |
| <del></del>                    | 3             |                                  |   |  | IVIATTI 20  | '                                     |             |
|                                |               |                                  |   |  |   |                                       |             |
|                                | 1             |                                  |   |  |   |                                       |             |
|                                |               |                                  |   |  |   |                                       |             |
| TOTAL SEMESTER HO              | URS: 120      | (rpt)                            | = REPEATED CO                           | URSE (                                       | T) = COURSI   | E TAKING TH                           | HIS SEM.    |
| ADDITIONAL COURSES:            |               |                                  |   | ۸۷۲۵   | ۸۵۲۵.   |                                       |             |
|                                |               |                                  | 114                                     | AVERA  |   | 0.0                                   | 4) (0       |
|                                |               | _                                | HA                                      | Н  | E   | QP                                    | AVG.        |
|                                |               | _ CUM:                           |   |  |   |                                       |             |
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|                                |               | _<br>MAJOF                       | · — — — — — — — — — — — — — — — — — — — | ·  |   |                                       |             |
|                                |               | _ WAJOR                          | \                                       |  |   |                                       |             |
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|                                |               | SLU:                             |   |  |   |                                       |             |
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| <del></del>                    |               | _<br>DEGRE                       | Ε GPΔ·                                  | · · · · · · · · · · · · · · · · · · ·        | <del></del> -   |                                       |             |
|                                |               | - DLGNE                          | L OI A.                                 |  |   |                                       |             |

Concentration 2 is recommended for those students who plan to attend graduate school in biochemistry or who are seeking admission into a program in medicine, pharmacy or dentistry.

Students who transfer with 30 or more hours or are readmitted will replace Southeastern 101 with 2 hours of electives.

<sup>&</sup>lt;sup>2</sup>Students who intend to pursue post-graduate studies are advised to select a foreign language.

<sup>&</sup>lt;sup>3</sup>Chemistry electives (7 hrs) can be any 300-level or higher †CHEM or †CLAB course (1-3)

<sup>&</sup>lt;sup>4</sup>Concentration electives (7 hrs) must be selected from the following courses: †any 300+ or higher CHEM or CLAB course (1-3), GBIO 200 (3), GBIO 312 (3), MIC 205 and MICL 207 (4), or ZOO 392 (4). 
Music, Theater or Dance.

<sup>&</sup>lt;sup>6</sup>Must be selected from CJ, Econ., Geog., Anth., Poli., Psyc. or Soc.

<sup>†</sup>All Chemistry specified above will be used to calculate the major GPA which must be a degree 2.0.

<sup>††</sup>Chemistry core curriculum course; grade of "C" or better required. This course will also be used to calculate the major GPA which must be a degree 2.0.