

**Department of Computer Science**  
**Bachelor of Science in Computer Science**  
**Major Code: COMP**

Effective 2020 – 2021

**Curriculum Guide**

| Course   | CR        | Course   | CR        |
|--|-----------|--|-----------|
| <b>Freshman Year: First Semester</b>                 |           | <b>Freshman Year: Second Semester</b>                    |           |
| ENGL 100   | 3         | ENGL 101   | 3         |
| Social/Behavior Science Elective                     | 3         | Knowledge of African American Culture & History Elective | 3         |
| COMP 163 (formerly GEEN 163)                         | 3         | COMP 167 (formerly GEEN 165)                             | 3         |
| GEEN 111   | 1         | COMP 180   | 3         |
| MATH 131   | 4         | MATH 132   | 4         |
| COMP 121   | 1         | <b>Semester Total</b>                                    | <b>16</b> |
| <b>Sophomore Year: First Semester</b>                |           | <b>Sophomore Year: Second Semester</b>                   |           |
| SPCH 250   | 3         | Global Awareness Elective                                | 3         |
| Approved Science Elective <sup>3</sup>               | 4         | Approved Science Elective <sup>3</sup>                   | 4         |
| Business Elective <sup>5</sup>                       | 3         | COMP 285   | 3         |
| MATH 341   | 3         | Approved MATH Elective <sup>2</sup>                      | 3         |
| COMP 280   | 3         | COMP 267   | 3         |
| <b>Semester Total</b>                                | <b>16</b> | COMP 200   | 1         |
|  |           | <b>Semester Total</b>                                    | <b>17</b> |
| <b>Junior Year: First Semester</b>                   |           | <b>Junior Year: Second Semester</b>                      |           |
| Approved Science Elective <sup>3</sup>               | 4         | ENGL 331   | 3         |
| Approved Statistics Elective <sup>1</sup>            | 3         | COMP 322   | 3         |
| COMP 360   | 3         | COMP 365   | 3         |
| Approved Computer Architecture Elective <sup>4</sup> | 3         | COMP 350   | 3         |
| Approved COMP Elective <sup>5</sup>                  | 3         | COMP 390   | 3         |
| <b>Semester Total</b>                                | <b>16</b> | COMP 300   | 1         |
|  |           | <b>Semester Total</b>                                    | <b>16</b> |
| <b>Senior Year: First Semester</b>                   |           | <b>Senior Year: Second Semester</b>                      |           |
| COMP 385   | 3         | COMP 496   | 3         |
| COMP 410   | 3         | Approved COMP Elective <sup>4</sup>                      | 3         |
| COMP 476   | 3         | Approved COMP Elective <sup>4</sup>                      | 3         |
| Free Elective  | 3         | Free Elective  | 3         |
| <b>Semester Total</b>                                | <b>12</b> | <b>Semester Total</b>                                    | <b>12</b> |

**Total Credit Hours: 120**

<sup>1</sup>Statistics Electives – MATH 224 or ISEN 370 or ECEN 356

<sup>2</sup>Math Electives – MATH 340 or MATH 351

<sup>3</sup>Science Electives – Take 12 hours from one of the following two groups: **Group 1:** CHEM 106/116 and CHEM 107/117 and (PHYS 241/251 or BIOL 100 or BIOL 101 or SLMG200); **Group 2:** PHYS 241/251 and PHYS 242/252 and (CHEM 106/116 or BIOL 100 or SLMG 200)

<sup>4</sup>Computer Architecture Electives – COMP375 Computer Architecture and Organization or ECEN 375 Computer Architecture and Organization

<sup>5</sup>COMP Electives – Take 9 hours from the following: Any non-required COMP Course 300-level or above, or (MGMT 335, BUED 342, ECEN 427, ISEN 415, MATH 360, MATH 365, CST 340)

<sup>5</sup>Business Electives - Take 3 hours from the following: MGMT 110, MGMT 132, MKTG 230, ECON 200, or ECON 201