

| Template for CAA students earning an AS degree               |                                     |  |         |   |   |                |                   |
|--|-------------------------------------|--|---------|---|---|----------------|-------------------|
| who are interested in  |                                     | Computer Science, Option 2: Statistics |         |   |   |                |                   |
| at the University of North Carolina Wilmington               |                                     |  |         |   |   |                |                   |
| Part I: Complete the AS degree within the NCCCS as outlined. |                                     |  |         |   |   |                |                   |
|  |                                     |  |         |   |   |                |                   |
|  |                                     |  |         |   |   |                |                   |
| <b>Universal General Education Transfer Component</b>        |                                     |  |         |   |   |                |                   |
|  |                                     |  |         |   |   |                |                   |
| <b>English Composition (6 SCH)</b>                           |                                     |  |         |   |   |                |                   |
| Prefix   |                                     | Course Name                            |         | Credit Hours  |   | Pre-requisites |                   |
|  |                                     |  |         | The following two English composition courses are required.               |   |                |                   |
|  |                                     |  |         | UNCW Course Equivalent  |   | Credit Hours   |                   |
|  |                                     |  |         | Required by Major   |   | Notes          |                   |
| ENG 111  | Writing Inquiry                     | 3                                      |         | ENG 101   | 3 |                | Req by CAA        |
| ENG 112  | Writing/Research in the Disciplines | 3                                      | ENG 111 | ENG 201   | 3 |                | Req by CAA        |
| <b>Total Credit Hours Required</b>                           |                                     | <b>6</b>                               |         |   |   | <b>6</b>       |                   |
| <b>Humanities/Fine Arts (6 SCH)</b>                          |                                     |  |         |   |   |                |                   |
| Prefix   |                                     | Course Name                            |         | Credit Hours  |   | Pre-requisites |                   |
|  |                                     |  |         | Students will select two courses from at least two different disciplines: |   |                |                   |
|  |                                     |  |         | University Course Equivalent  |   | Credit Hours   |                   |
|  |                                     |  |         | Required by Major   |   | Notes          |                   |
| ART 111  | Art Appreciation                    | 3                                      | None    | ART 001   |   |                | recommend against |
| ART 114  | Art History Survey I                | 3                                      | None    | ARH 201   |   |                |                   |
| ART 115  | Art History Survey II               | 3                                      | None    | ARH 202   |   |                |                   |
| COM 231  | Public Speaking                     | 3                                      | None    | COM 101   |   |                |                   |
| ENG 231  | American Literature I               | 3                                      | None    | ENG 223   | 3 |                | required by CSC   |
| ENG 232  | American Literature II              | 3                                      | None    | ENG 224   |   |                | rec for US        |
| MUS 110  | Music Appreciation                  | 3                                      | None    | MUS 115   |   |                |                   |
| MUS 112  | Introduction to Jazz                | 3                                      | None    | MUS 116   |   |                |                   |
| select one course from the following                         |                                     |  |         |   |   | 3              |                   |
| PHI 215  | Philosophical Issues                | 3                                      | ENG 111 | PAR 101   |   |                |                   |
| PHI 240  | Introduction to Ethics              | 3                                      | ENG 111 | PAR 115   |   |                |                   |
| <b>Total Credit Hours Required</b>                           |                                     | <b>6</b>                               |         |   |   | <b>6</b>       |                   |
| <b>Social /Behavioral Science (6 SCH)</b>                    |                                     |  |         |   |   |                |                   |
| Prefix   |                                     | Course Name                            |         | Credit Hours  |   | Pre-requisites |                   |
|  |                                     |  |         | Students will select two courses from at least two different disciplines: |   |                |                   |
|  |                                     |  |         | University Course Equivalent  |   | Credit Hours   |                   |
|  |                                     |  |         | Required by Major   |   | Notes          |                   |
| ECO 251  | Principles of Microeconomics        | 3                                      | None    | ECO 221   |   |                |                   |
| ECO 252  | Principles of Macroeconomics        | 3                                      | None    | ECO 222   |   |                |                   |
| HIS 111  | World Civilizations I               | 3                                      | None    | HIST 101 LGS  | 3 |                |                   |
| select one course from the following                         |                                     |  |         |   |   | 3              |                   |
| PSY 150  | General Psychology                  | 3                                      | None    | PSY 105   |   |                |                   |
| POL 120  | American Government                 | 3                                      | None    | PLS 101   |   |                |                   |
| SOC 210  | Introduction to Sociology           | 3                                      | None    | SOC 105   |   |                |                   |
| <b>Total Credit Hours Required</b>                           |                                     | <b>6</b>                               |         |   |   | <b>6</b>       |                   |
| <b>Mathematics (8 SCH)</b>                                   |                                     |  |         |   |   |                |                   |
| Prefix   |                                     | Course Name                            |         | Credit Hours  |   | Pre-requisites |                   |
|  |                                     |  |         | Students will select two courses from the following:                      |   |                |                   |
|  |                                     |  |         | University Course Equivalent  |   | Credit Hours   |                   |
|  |                                     |  |         | Required by Major   |   | Notes          |                   |
| MAT 171  | Precalculus Algebra                 | 4                                      |         | MAT 111   | 4 |                | required by CSC   |
| MAT 271  | Calculus I                          | 4                                      |         | MAT 161   | 4 |                | required by CSC   |
| <b>Total Credit Hours Required</b>                           |                                     | <b>8</b>                               |         |   |   | <b>8</b>       |                   |
| <b>Natural Sciences (8 SCH)</b>                              |                                     |  |         |   |   |                |                   |
| Prefix   |                                     | Course Name                            |         | Credit Hours  |   | Pre-requisites |                   |
|  |                                     |  |         | Students will select 8 SCH from the following courses:                    |   |                |                   |
|  |                                     |  |         | University Course Equivalent  |   | Credit Hours   |                   |
|  |                                     |  |         | Required by Major   |   | Notes          |                   |
| select two courses from the following                        |                                     |  |         |   |   | 8              |                   |
| BIO 110  | Principles of Biology               | 4                                      |         | BIO 105   |   |                |                   |
| GEL 111  | Introduction Geology                | 4                                      |         | GYL 101   |   |                |                   |
| PHY 110/110A   | Conceptual Physics and Lab          | 4                                      |         | PHY 105   |   |                |                   |
| PHY 151  | College Physics I                   | 4                                      |         | PHY 101   |   |                |                   |
| PHY 152  | College Physics II                  | 4                                      | PHY 151 | PHY 102   |   |                |                   |
| BIO 111  | General Biology                     | 4                                      |         | BIO 201   |   |                |                   |

| BIO 112   | General Biology II                  | 4            | BIO 111        | BIO 202                                      |              |            |                             |
|---|-------------------------------------|--------------|----------------|--|--------------|------------|-----------------------------|
| CHM 151   | General Chemistry I                 | 4            |                | CHM 101                                      |              |            |                             |
| CHM 152   | General Chemistry II                | 4            | CHM 151        | CHM 102                                      |              |            |                             |
| PHY 251   | General Physics I                   | 4            |                | PHY 201                                      |              |            |                             |
| PHY 252   | General Physics II                  | 4            | PHY 251        | PHY 202                                      |              |            |                             |
| <b>Total Credit Hours Required</b>  |                                     | <b>8</b>     |                |  | <b>8</b>     |            |                             |
| <b>Total UGETC Hours</b>  |                                     | <b>34</b>    |                |  | <b>34</b>    |            |                             |
| <b>Additional General Education Courses (11 SHC) : These courses must be classified as UGETC or general education within the CAA.</b> |                                     |              |                |  |              |            |                             |
| Prefix  | Course Name                         | Credit Hours | Pre-requisites | University Course Equivalent                 | Credit Hours | Category   | Notes                       |
| 1 > Hum/Art not taken above   |                                     | 3            |                |  | 3            | Rec for US |                             |
| 1 > SBS not taken above   |                                     | 3            |                |  | 3            | Rec for US |                             |
| MAT 152   | Statistics II                       | 3            |                | QMM 280                                      | 3            |            | UGETC                       |
|   | Foreign Language Course             | 3            |                | Foreign Language Course                      | 3            |            | foreign language req for US |
| <b>Total Credit Hours Required</b>  |                                     | <b>11</b>    |                |  | <b>12</b>    |            |                             |
| <b>Total General Education Hours Required</b>   |                                     | <b>45</b>    |                |  | <b>46</b>    |            |                             |
| ***Recommend that the 45 hours include 1 LDN & 1 LGS; 2 WI & 2 IL   |                                     |              |                |  |              |            | Rec for US                  |
| ***Recommend that the 45 hrs include 9 hrs total in Human/Art, including 3 in PHI; and 9 hrs total in SBS, including 3 in HST         |                                     |              |                |  |              |            | Rec for US                  |
| <b>Other REQUIRED HOURS (15-16 SHC): These courses must be classified as pre-major, elective or general education within the CAA.</b> |                                     |              |                |  |              |            |                             |
| Prefix  | Course Name                         | Credit Hours | Pre-requisites | University Course Equivalent                 | Credit Hours | Category   | Notes                       |
| ACA 122   | College Transfer Success            | 1            |                | UNI 001                                      | 1            | GEC        | required by CAA             |
| MAT 272   | Calculus II                         | 4            | MAT 271        | MAT 162 Calculus with Analytical Geometry II | 4            |            | G-Ed                        |
|   | 2nd term of Foreign Language Course | 3            |                | 2nd term of Foreign Language Course          | 3            |            | req by US                   |
|   | free electives                      | 7            |                |  | 7            |            |                             |
| <b>Other Required Hours (15-16 SCH)</b>   |                                     | <b>15-16</b> |                |  | <b>15</b>    |            |                             |
| <b>Total Semester Credit Hours in Program: 60-61</b>  |                                     |              |                |  | <b>61</b>    |            |                             |

| Part II: Complete one of the UNCW Computer Science Degree Plans   |   |       |  |                                 |
|---|---|-------|--|---------------------------------|
| 3th -4th Year Plan for BS (Option 2: Statistics) Computer Science Degree at UNCW  |   |       |  |                                 |
| Upon completion of the AS degree outlined above, an AS student will have 61 transferable hours toward a BS (Option 2: Statistics) Computer Science degree at UNCW. This degree can be completed at UNCW with 63 additional hours in hour semesters as outlined below. |   |       |  |                                 |
| Semester  | Course  | Hours | Notes  |                                 |
| 5   | CSC 131   | 4     | Major Requirement  |                                 |
| 5   | CSC 133   | 3     | Major Requirement  |                                 |
| 5   | STT 305   | 3     | Major Requirement  |                                 |
| 5   | PED 101   | 1     | Lifetime Wellness Requirement  |                                 |
| 5   | Third term of a foreign language                      | 3     |  | 14                              |
| 6   | CSC 231   | 4     | Major Requirement  |                                 |
| 6   | CSC 242   | 3     | Major Requirement  |                                 |
| 6   | CSC 385   | 3     | Major Requirement;<br>IV. BUILDING COMPETENCIES: A. Writing Intensive;<br>IV. BUILDING COMPETENCIES: B. Information Literacy           |                                 |
| 6   | STT 300 level or higher elective                      |       | Major Requirement  |                                 |
| 6   | Living in a Diverse Nation/Living in a Global Society | 3     | US Requirement (complete the one not completed in AS degree)   | 13                              |
| 7   | CSC 331   | 3     | Major Requirement  |                                 |
| 7   | CSC 344   | 3     | Major Requirement  |                                 |
| 7   | CSC 360   | 3     | Major Requirement  |                                 |
| 7   | STT 300 level or higher elective                      | 3     | Major Requirement  | 12                              |
| 8   | CSC 380   | 3     | Major Requirement; assuming completion of MAT 161  |                                 |
| 8   | CSC 434   | 3     | Major Requirement  |                                 |
| 8   | CSC Elective  | 3     | Major Requirement  |                                 |
| 8   | STT 300 level or higher elective                      | 3     | Major Requirement  |                                 |
| 8   | Information Literacy Course                           | 3     | IV. BUILDING COMPETENCIES: B. Information Literacy   | 15                              |
| 9   | CSC 450   | 3     | Major Requirement;<br>VI. CAPSTONE COURSE;<br>V. EXPLORATIONS BEYOND THE CLASSROOM;<br>IV. BUILDING COMPETENCIES: A. Writing Intensive |                                 |
| 9   | CSC 455   | 3     | Major Requirement:<br>VI. CAPSTONE COURSE  |                                 |
| 9   | CSC Elective  | 3     | Major Requirement  |                                 |
| 9   | STT 300 level or higher elective                      | 3     | Major Requirement  | 12                              |
|   |   |       |  | <b>66 hours</b>                 |
|   |   |       |  | <b>61 transfer hours</b>        |
|   |   |       |  | <b>127 hours for graduation</b> |