

***Bachelor of Science in Secondary Education - Chemistry***

| USC Upstate  |  | Credits    | York Technical College<br>Recommended course transfer equivalencies** |
|--|--|------------|---|
| <b>I. Communication</b>  |  |            |   |
| English  | ENGL U101, U102  | 6          | ENG 101, 102  |
| Speech   | SPCH U201, U201R   | 3          | SPC 205   |
| <b>II. Mathematics, Logic, &amp; Natural Sciences</b>  |  |            |   |
| Mathematics  | MATH U141  | 3-4        | MAT 140   |
| Natural Science (w/lab)  | BIOL U110/L, U143/L; PHYS U201/L, U202/L   | 12         | BIO 101, 112; PHY 201, 202  |
| <b>III. Information Technology</b>   |  |            |   |
| Info Tech  | CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162   | 3          | CPT 101, 170  |
| <b>IV. Fine Arts, Humanities &amp; History</b> <i>Choose one course from each of the following two sections.</i>   |  |            |   |
| Fine Arts  | ARTH U101, U105, U106; ENGL U208; MUSC U110, U140; SOST U201; THEA U161, U170                      | 3          | ART 101, 107, 108; MUS 105; THE 101, 105                              |
| History  | HIST U101, U102, U105, U106  | 3          | HIS 201, 202  |
| <b>V. Foreign Language and Culture</b>   |  |            |   |
| <i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place in the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i> |  |            |   |
| Foreign Language   | ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101  | 3          | ASL 101; FRE 101; GER 101; SPA 101                                    |
| <b>VI. Social and Behavioral Sciences</b>  |  |            |   |
| Social & Behavioral Science  | AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; PSYC U101; SOCY U101; WGST U101 | 6          | ANT 101; ECO 210, 211; GEO 101; PSC 201; PSY 201; SOC 101             |
| <b>VII. General Ed. Electives</b>  |  |            |   |
| <i>Choose from the options below if hours are required in the major.</i>   |  |            |   |
| General Ed. Electives  | Any General Education course or courses  | 0          |   |
| <b>Professional Education</b>  |  |            |   |
| Professional Education   | EDFO U200, U210, U341; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U315, U418  | 45         | ECD107  |
| <b>Content Concentration</b>   |  |            |   |
| Content Concentration (to be completed at USC Upstate)   | CHEM U111: General Chemistry   | 4          | CHM 110   |
|  | CHEM U112: General Chemistry/Qualitative Analysis  | 4          | CHM 111   |
|  | CHEM U321/L: Quantitative Analysis and Lab   | 4          |   |
|  | CHEM U331/L: Organic Chemistry I and Lab   | 4          |   |
|  | CHEM U332/L: Organic Chemistry II and Lab  | 4          |   |
|  | CHEM U541/L: Physical Chemistry I  | 4          |   |
|  | CHEM U581: Biochemistry  | 3          |   |
| <b>Supporting Courses</b>  |  |            |   |
| Supporting Courses   | MATH U142; Elective  | 7          | MAT 141; Elective   |
| <b>Total USC Upstate hours required for graduation</b>   |  | <b>122</b> |   |

\*\* Please refer to the transfer guide in the USC Upstate catalog, pages 22-23 at <http://www.uscupstate.edu/academics/catalog> for complete transfer options.