

**Virginia Union University**  
**Chemistry Secondary Education Program of Studies**

| <b>Year One-</b>              |                |                                |                |
|-------------------------------|----------------|--------------------------------|----------------|
| <b>Fall</b>                   | <b>Credits</b> | <b>Spring</b>                  | <b>Credits</b> |
| CHE 101 GEN CHEMISTRY I       | 4              | CHE 102 GEN CHEMISTRY          | 4              |
| HIS ELECTIVE                  | 3              | MAT 175 PRECALC W/ TRIG        | 4              |
| MAT 170 PRECALCUS             | 4              | ENG 102 COLLEGE COMPOSITION II | 3              |
| ENG 101 COLLEGE COMPOSITION I | 3              | IDS 190 FUNDAMENTALS OF LRNG   | 1              |
| GST 004 ORIENTATION           | 1              | PSY 201 PSYCHOLOGY             | 3              |
|                               | 2              | PED 101 PHYSICAL ED            | 1              |
|                               |                |                                |                |
| Total                         | 15             | Total                          | 16             |

***Begin Studying for VCLA; Maintain 2.5 or above GPA***

| <b>Year Two-</b>                |                |                               |                |
|---------------------------------|----------------|-------------------------------|----------------|
| <b>Fall</b>                     | <b>Credits</b> | <b>Spring</b>                 | <b>Credits</b> |
| MAT 214 ANALY GEO CALCULUS I    | 4              | CHEM 211 ORGANIC CHEM II      | 4              |
| EDU 220 INTRO TO TCHR EDUCATION | 3              | BIO 112 GEN BIOLOGY II        | 4              |
| BIO 111 GEN BIOLOGY I           | 4              | HUM 210 OR 211                | 3              |
| HUM 225 OR 226 WORLD LIT        | 3              | MAT 216 ANALY GEO CALCULUS II | 4              |
| CHEM 210 ORGANIC CHEMISTRY      | 4              | PSY 306 PSYCHO-ED MEASUREMT   | 3              |
|                                 |                |                               |                |
|                                 |                |                               |                |
| Total                           | 18             | Total                         | 18             |

***Take VCLA; Begin Studying for Praxis II; Maintain 2.5 or above GPA***

| <b>Year Three-</b>            |                |  |                |
|-------------------------------|----------------|--|----------------|
| <b>Fall</b>                   | <b>Credits</b> | <b>Spring</b>                          | <b>Credits</b> |
| EDU 321 C&I FOR DIVERSE LRNRS | 3              | EDU 323 ADAPTIVE CONSTRUC TCHG         | 3              |
| EDU 358 CLASSROOM/BEH MANAGMT | 3              | EDU 329 RDG & WRTG IN CONT AREAS       | 3              |
| CHE 201 QUAN ANALYSIS         | 4              | CHEM 311 PHY CHEMISTRY II              | 4              |
| CHEM 310 PHY CHEMISTRY I      | 4              | PHY 252 UNI PHYSICS II                 | 4              |
| AFRI AMERHERITAGE ELECTIVE    | 3              | IDS 192 TEST PREP PRAXIS II (elective) | 1              |
|                               |                | HLH 101 PERS & COMM HEALTH             | 1              |
|                               |                |  |                |
| Total                         | 17             | Total                                  | 16             |

***Take Praxis II; Submit paperwork for Student Teaching***

| <b>Year Four-</b>               |                |                                  |                |
|---------------------------------|----------------|----------------------------------|----------------|
| <b>Fall</b>                     | <b>Credits</b> | <b>Spring</b>                    | <b>Credits</b> |
| CSC 200 INTRO TO COMP SCIENCE   | 3              | EDU 424 STUDENT TCHG             | 9              |
| CHE 415 ADV ORGANIC CHEM        | 3              | EDU 425 REFLECT. TCHG COLLOQUIUM | 3              |
| CSC 200 INTRO TO COMP SCIE      | 3              |                                  |                |
| EDU 423FB C&I SECONDARY SCHOOLS | 3              |                                  |                |
| CHEM 380 INORGANIC CHEMISTRY    | 3              |                                  |                |
|                                 | 15             |                                  | 12             |
| Total                           |                | Total                            | 12             |

**Total minimum hours for degree completion: 127**