

Westmoreland Community College & West Virginia University

Associate in Arts in Liberal Arts leading to
Bachelor of Science in Chemistry (WVU-BS)

Suggested Plan of Study

| Westmoreland Community College | Cr Hrs | WVU Equivalents | Cr Hrs |
|--|--------|-------------------------|--------|
| Year One, 1st Semester | | | |
| ENG 161 | 3 | ENGL 000 | 3 |
| MTH 172 | 4 | MATH 155 | 4 |
| CHM 155 | 4 | CHEM 115 | 4 |
| CPT 150 | 3 | CS 101 | 3 |
| SOC SCI ELECTIVE | 3 | GEF 4 or GEF 5 or GEF 7 | 3 |
| TOTAL | 17 | | 17 |
| Year One, 2nd Semester | | | |
| ENG 164 | 3 | ENGL 101 | 3 |
| MTH 173 | 4 | MATH 156 | 4 |
| CHM 156 | 4 | CHEM 116 | 4 |
| PHY 255 | 5 | PHYS 111 | 5 |
| TOTAL | 16 | | 16 |
| Year Two, 1st Semester | | | |
| CHM 250 | 4 | CHEM 233 + 235 | 4 |
| PHY 256 | 5 | PHSY 112 | 5 |
| HUMANITIES ELECTIVE | 3 | GEF 6 | 3 |
| SOC SCI ELECTIVE | 3 | GEF 4 or GEF 5 or GEF 7 | 3 |
| TOTAL | 15 | | 15 |
| Year Two, 2nd Semester | | | |
| CHM 251 | 4 | CHEM 235 + 236 | 4 |
| SOC SCI ELECTIVE | 3 | GEF 4 or GEF 5 or GEF 7 | 3 |
| HUMANITIES ELECTIVE | 3 | ELECTIVE | 3 |
| HUMANITIES ELECTIVE | 3 | ELECTIVE | 3 |
| ELECTIVE | 3 | ELECTIVE | 3 |
| TOTAL | 16 | | 16 |

WEST VIRGINIA UNIVERSITY

| Year Three, 1st Semester | | Year Three, 2 nd Semester | |
|-------------------------------------|----|--------------------------------------|----|
| CHEM 215 | 4 | CHEM 310 | 3 |
| CHEM 335 | 4 | CHEM 347 + 348 | 4 |
| CHEM 346 | 3 | AGBI 410 | 3 |
| MATH 251 | 4 | ENGL 102 | 3 |
| | | ELECTIVE | 2 |
| TOTAL | 15 | TOTAL | 15 |
| Year Four, 1 st Semester | | Year Four, 2 nd Semester | |
| CHEM 401 | 1 | CHEM 403 | 1 |
| CHEM 349 | 2 | CHEM 423 | 2 |
| CHEM 313 | 1 | CHEM ELECTIVE | 3 |
| CHEM 422 | 3 | ELECTIVE | 3 |
| CHEM ELECTIVE | 3 | ELECTIVE | 3 |
| ELECTIVE | 3 | | |
| TOTAL | 13 | TOTAL | 13 |

Students must have a C or better in both CHM 155 and CHM 156 to be admitted into the Chemistry program upon transferring to West Virginia University.

The WVU General Education Foundations curriculum (GEF) includes eight areas (F1-F8). F1 (Composition and Rhetoric), F2 (Science & Technology), and F3 (Mathematics & Quantitative Skills) are specified above. These 3 Areas will be fulfilled by General Education requirements at Westmoreland County and ENGL 102 at WVU. Students must also complete 3 credit hours from each of the GEF Areas 4 through 7, and are encouraged to study the provided GEF chart to select electives that satisfy these requirements. By using the suggested plan of study above, students are able to fulfill this requirement prior to graduation from WCCC. Students not completing this requirement at WCCC will need to utilize ELECTIVE credit at WVU to do so.

The WVU GEF curriculum also includes 9 credits (normally 3 three-credit courses) of Focus coursework (F8), to help students capitalize on the range and diversity of courses offered at WVU. In order to maximize connections, incorporate additional competencies, and encourage true breadth of study, students must fulfill the Focus through completion of one of the following academic paths: (a) completion of a minor; (b) completion of a double major or dual degree, or (c) completion of 9 credits of additional coursework from the list of courses approved for GEF Areas F1 through F7. Westmoreland County students following this pathway will complete the F8 requirement with successful completion of MAT 173, CHM 156, and PHY 255.

Students who have questions about admission into their intended program, GEF requirements, GEF Focus courses, or any other issue relating to academics at West Virginia University should contact the Office of Undergraduate Education at WVU.

Joan Gorham

Print Name



Signature

11.18.16

Date

Joan Gorham Ph.D. Associate Dean for WVU's Eberly College of Arts & Sciences