**College of Southern MD & West Virginia University**

**Associate of Science in Mathematics & Sciences (Chemistry) leading to**

**Bachelor of Science in Chemistry (WVU-BS)**

**Suggested Plan of Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **College of Southern Maryland** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester |  |  |  |
| ENG 1010 | 3 | ENGL 101 | 3 |
| MTH 1200 | 4 | MATH 155 | 4 |
| CHE 1200 + 1200L | 4 | CHEM 115 & CHEM 115L | 4 |
| Social / Behavioral Science | 3 | Social / Behavioral Science | 3 |
| FYS 1010 | 3 | ORIN 1TC | 3 |
| **TOTAL** | 17 |  | 17 |
| Year One, 2nd Semester |  |  |  |
| ENG 1020 | 3 | ENGL 102 | 3 |
| CHE 1210 + 1210L | 4 | CHEM 116 & CHEM 116L | 4 |
| MTH 1210 | 4 | MATH 156 | 4 |
| Art / Humanities | 3 | Art / Humanities | 3 |
| Social / Behavioral Science | 3 | Social / Behavioral Science | 3 |
| **TOTAL** | 17 |  | 17 |
| Year Two, 1st Semester |  |  |  |
| CHEM 2200 + 2200L | 4 | CHEM 233 + 235 | 4 |
| PHY 1210 + 1210L | 4 | PHYS 1TC | 4 |
| BIO 1060 + BIO 1060L | 4 | BIOL 1TC | 4 |
| Art / Humanities | 3 | Art / Humanities | 3 |
| **TOTAL** | 15 |  | 15 |
| Year Two, 2nd Semester |  |  |  |
| CHEM 2210 + 2210L | 4 | CHEM 234 + 236 | 4 |
| PHY 2200 + 2200L | 4 | PHYS 111 | 4 |
| MTH 1015 | 3 | STAT 111 | 3 |
| Social / Behavioral Science | 3 | Social / Behavioral Science | 3 |
| **TOTAL** | 14 |  | 14 |

|  |  |  |
| --- | --- | --- |
| Summer Session (CSMD or WVU) | \*PHY 2210 + 2210L or PHYS 112 | 4 |

|  |  |  |  |
| --- | --- | --- | --- |
| **WEST VIRGINIA UNIVERSITY** | | | |
| Year Three, 1st Semester |  | Year Three, 2nd Semester |  |
| AGBI 410 | 3 | CHEM 310 | 3 |
| CHEM 215 | 4 | CHEM 347 + 348 | 4 |
| CHEM 335 | 4 | ELECTIVE | 3 |
| CHEM 346 | 3 | ELECTIVE | 3 |
|  |  | ELECTIVE | 1 |
| **TOTAL** | 14 | **TOTAL** | 14 |
| Year Four, 1st Semester |  | Year Four, 2nd Semester |  |
| CHEM 349 | 2 | CHEM 403 | 1 |
| CHEM 313 | 1 | CHEM 423 | 2 |
| CHEM 401 | 1 | CHEMISTRY ELECTIVE | 3 |
| CHEM 422 | 3 | ELECTIVE | 3 |
| CHEMISTRY ELECTIVE | 3 | ELECTIVE | 3 |
|  |  | ELECTIVE | 1 |
| **TOTAL** | 13 | **TOTAL** | 13 |

\*In order to complete the Physical Chemistry requirements in a 4 year time frame, students must have completed the PHY 2200 + 2200L & 2210 + 2210L /PHYS 111 & 112 progression prior to their first semester at West Virginia University.

Students must complete both CHE 1200 + 1200L & CHE 1210 + 1210L with a grade of C or better to be admitted to the Chemistry program when transferring to WVU.

Students completing degrees in WVU’s Eberly College of Arts and Sciences are encouraged to work with their advisors to integrate completion of an academic minor or minors into their programs of study, to the degree allowed within elective hours. WVU offers over 100 minors that complement major fields of study, build on students’ unique interests, expand perspectives, and broaden skills. See <http://catalog.wvu.edu/undergraduate/minors/#minorsofferedtext> for a list of available minors. Students may begin completion of a minor by utilizing elective credit to take courses at CSMD equivalent to minor required courses at WVU.

Students are required to complete 3 credit hours from each of the GEF Areas 4 through 7 before successful graduation from West Virginia University. Students 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 College of Southern Maryland. Students not completing this requirement at CSMD, will need to utilize ELECTIVE credit at WVU to do so.

Students completing degrees in WVU’s Eberly College of Arts and Sciences are encouraged to work with their advisors to integrate completion of an academic minor or minors into their programs of study, to the degree allowed within elective hours. WVU offers over 100 minors that complement major fields of study, build on students’ unique interests, expand perspectives, and broaden skills. See <http://catalog.wvu.edu/undergraduate/minors/#minorsofferedtext> for a list of available minors. Students may begin completion of a minor by utilizing elective credit to take courses at CSMD equivalent to minor required courses at WVU.

Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

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

The above transfer articulation of credit between West Virginia University and College of Southern Maryland, is approved by the Dean, or the Dean’s designee, and effective the date of the signature.

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Print Name Signature Date

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