**Central Virginia Community College & West Virginia University**

** Associate of Arts and Sciences in Science leading to**

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

**Suggested Plan of Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Central Virginia Community College** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester |
| SDV 100 | 1 | ORIN 1TC | 1 |
| ITE 115/119 | 3 | CS 1TC | 3 |
| ENG 111 | 3 | ENG 101 | 3 |
| Science Elective | 4 | Science Elective | 4 |
| MTH 161 | 3 | MATH 129 | 3 |
| **TOTAL** | 14 |  | 14 |
| Year One, 2nd Semester |
| ENG 112 | 3 | ENG 102 | 3 |
| Science Elective | 4 | Science Elective | 4 |
| Social Science Elective | 3 | Social Science Elective | 3 |
| MTH 162 | 3 | MATH 1TC | 3 |
| Science Elective | 4 | Science Elective | 4 |
| **TOTAL** | 17 |  | 17 |
| Year Two, 1st Semester |
| Humanities Elective | 3 | Humanities Elective | 3 |
| HIS 101 or HIS 111 or HIS 121 | 3 | HIST 101 or HIST 179 or HIST 152 | 3 |
| Science Elective | 4 | Science Elective | 4 |
| Science Elective | 4 |  Science Elective | 4 |
| MTH 261 | 3 | MATH 150 | 3 |
| **TOTAL** | 17 |  | 17 |
| Year Two, 2nd Semester |
| Science Elective | 4 | Science Elective | 4 |
| HIS 101 or HIS 111 or HIS 121 | 3 | HIST 101 or HIST 179 or HIST 152 | 3 |
| Humanities Elective | 3 | Humanities Elective | 3 |
| CST 100 or CST 110 | 3 | CSAD 270 or COMM 104 | 3 |
| **TOTAL** | 13 |  | 13 |
|  |  |  |  |
|  |  |  |  |
| **WEST VIRGINA UNIVERSITY** |
| **American Chemical Society Track** |
| Year Three, 1st Semester | Year Three, 2nd Semester |
| CHEM 215 | 4 | BIOL 310 | 3 |
| AGBI 410 & 412 | 4 | CHEM 341 & 342 | 4 |
| STAT 211 | 3 | CHEM 462 & 464 | 4 |
| ELECTIVE | 3 | BIOCHEM ELECTIVE | 3 |
| ELECTIVE | 1 | ELECTIVE | 1 |
| TOTAL | 15 | TOTAL | 15 |
| Year Four, 1st Semester | Year Four, 2nd Semester |
| CHEM 401 | 1 | CHEM 310 | 3 |
| CHEM 422 | 3 | CHEM 403 | 1 |
| CHEM 497 | 3 | BIOCHEM ELECTIVE | 3 |
| BIOCHEM ELECTIVE | 3 | BIOCHEM ELECTIVE | 3 |
| ELECTIVE | 3 | ELECTIVE | 3 |
| ELECTIVE | 2 |  |  |
| TOTAL | 15 | TOTAL | 13 |
| **American Society of Biochemistry and Molecular Biology Track** |
| Year Three, 1st Semester | Year Three, 2nd Semester |
| AGBI 410 & 412 | 4 | BIOL 310 | 3 |
| CHEM 215 | 4 | CHEM 341 & 342 | 4 |
| STAT 211 | 3 | CHEM 462 & 464 | 4 |
| ELECITVE | 3 | BIOCHEM ELECTIVE | 3 |
| ELECTIVE | 1 | ELECTIVE | 1 |
| TOTAL | 15 | TOTAL | 15 |
| Year Four, 1st Semester | Year Four, 2nd Semester |
| BIOL 423 | 3 | BIOL 313 OR 410 | 3 |
| BIOCHEM ELECTIVE | 3 | AGBI 401 | 1 |
| BIOCHEM ELECTIVE | 4 | BIOCHEM CAPSTONE | 3 |
| ELECITVE | 3 | BIOCHEM ELECTIVE | 3 |
| ELECITVE | 3 | ELECTIVE | 3 |
| ELECITVE | 2 | ELECTIVE | 2 |
| TOTAL | 15 | TOTAL | 15 |

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, 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 Central Virginia Community College, 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

J. Todd Petty Ph.D. Associate Dean for WVU’s Agriculture and Natural Resources