**Southside Virginia Community College & West Virginia University**

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

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

**Suggested Plan of Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Southside Virginia Community College** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester |
| SDV 100 | 1 | ORIN 1TC | 1 |
| ENG 111 | 3 | ENGL 101 | 3 |
| History or Social Science Elective | 3 | History or Social Science Elective | 3 |
| MTH 161 | 3 | MATH 129 | 3 |
| BIO 101 | 4 | BIOL 101 | 4 |
| Health or Physical Education Elective | 2 | Health or Physical Education Elective | 2 |
| **TOTAL** | 15 |  | 15 |
| Year One, 2nd Semester |
| ENG 112 | 3 | ENGL 102 | 3 |
| Social Science Elective | 3 | Social Science Elective | 3 |
| MTH 162 | 3 | MATH 1TC | 3 |
| BIO 102 | 4 | BIOL 102 | 4 |
| **TOTAL** | 13 |  | 13 |
| Year Two, 1st Semester |
| Literature Elective | 3 | Literature Elective | 3 |
| ITE 115 | 3 | CS 1TC | 3 |
| CHM 111 | 4 | CHEM 1TC | 4 |
| MTH 263 | 4 | MATH 155 | 4 |
| **TOTAL** | 14 |  | 14 |
| Year Two, 2nd Semester |
| Literature Elective | 3 | Literature Elective | 3 |
| Social Science Elective | 3 | Social Science Elective | 3 |
| Humanities Elective | 3 | Humanities Elective | 3 |
| CHM 112 | 4 | CHEM 1TC | 4 |
| MTH 264 | 4 | MTH 2TC | 4 |
| **TOTAL** | 17 |  | 17 |
|  |  |  |  |
|  |  |  |  |
| **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 Southside 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