**Piedmont Virginia Community College & West Virginia University**

**Associate of Science in Science leading to**

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

**Suggested Plan of Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Piedmont Virginia Community College** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester |
| SDV 100/101 | 1 | ORIN 1TC | 3 |
| ENG 111 | 3 | ENGL 101 | 3 |
| HIS 101 or HIS 111 or HIS 121 | 3 | HIST 101 or HIST 179 or HIST 152 | 3 |
| MTH Electives | 3-5 | MTH Electives | 3-5 |
| CHM 111 | 4 | CHEM 115 & CHEM 115l | 4 |
| **TOTAL** | 14-16 |  | 14-16 |
| Year One, 2nd Semester |
| ENG 112 | 3 | ENGL 102 | 3 |
| HIS 102 or HIS 112 or HIS 122 | 3 | HIST 102 or HIST 180 or HIST 153 | 3 |
| Supervised Study in Science | 2 | Supervised Study in Science | 2 |
| CHM 112 | 4 | CHEM 116 & CHEM 116l | 4 |
| Math or Science with Laboratory Elective | 4-5 | Math or Science with Laboratory Elective | 4-5 |
| **TOTAL** | 16-17 |  | 16-17 |
| Year Two, 1st Semester |
| Science with Laboratory Elective | 4 | Science with Laboratory Elective | 4 |
| Math or Science with Laboratory Elective | 4-5 | Math or Science with Laboratory Elective | 4-5 |
| MTH Electives | 3-5 | MTH Electives | 3-5 |
| Humanities Elective | 3 | Humanities Elective | 3 |
| **TOTAL** | 14-16 |  | 14-16 |
| Year Two, 2nd Semester |
| Science with Laboratory Elective | 4 | Science with Laboratory Elective | 4 |
| Math or Science with Laboratory Elective | 4-5 | Math or Science with Laboratory Elective | 4-5 |
| Humanities Elective | 3 | Humanities Elective | 3 |
| Social Science Elective | 3 | Social Science Elective | 3 |
| ITE 119 or CSC 110 | 3 | CS 1TC | 3 |
| **TOTAL** | 17-18 |  | 17-18 |
|  |  |  |  |
|  |  |  |  |
| **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 Piedmont 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