**Paul D. Camp Community College & West Virginia University**

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

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

**Suggested Plan of Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Paul D. Camp Community College** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester |
| ENG 111 | 3 | ENGL 101 | 3 |
| MTH 161 | 3 | MATH 129 | 3 |
| ITE 115 | 3 | CS 1TC | 3 |
| SDV 100 | 1 | ORIN 1TC | 1 |
| BIO 101 or CHM 111 | 4 | BIO 101 & 103 or CHEM 115 & CHEM 115L | 4 |
| Health/Physical Education Elective | 1 | Health/Physical Education Elective | 1 |
| **TOTAL** | 15 |  | 15 |
| Year One, 2nd Semester |
| ENG 112 | 3 | ENGL 102 | 3 |
| MTH 162 | 3 | MATH 1TC | 3 |
| BIO 102 or CHM 112 | 4 | BIOL 102 & 104 or CHEM 116 & CHEM 116L | 4 |
| Humanities Elective | 3 | Humanities Elective | 3 |
| Health/Physical Education Elective | 1 | Health/Physical Education Elective | 1 |
| **TOTAL** | 14 |  | 14 |
| Year Two, 1st Semester |
| BIO 200 Level Elective or CHM Elective | 4 | BIO 200 Level Elective or CHM Elective | 4 |
| MTH 261 or MTH 263 or MTH 245 | 3 | MATH 150 or MATH 155 or STAT 111 | 3 |
| Social Science Elective | 3 | Social Science Elective | 3 |
| CST 100 | 3 | CSAD 270 | 3 |
| HIS 121 or HIS 111 | 3 | HIST 152 or HIST 179 | 3 |
| **TOTAL** | 16 |  | 16 |
| Year Two, 2nd Semester |
| BIO 200 Level Elective or CHM Elective | 4 | BIO 200 Level Elective or CHM Elective | 4 |
| MTH 262 or MTH 264 or MTH 245 | 3 | MATH 2TC or MATH 156 or STAT 111 | 3 |
| Humanities Elective | 3 | Humanities Elective | 3 |
| Social Science Elective | 3 | Social Science Elective | 3 |
| HIS 122 or HIS 112 | 3 | HIST 153 or HIST 180 | 3 |
| **TOTAL** | 16 |  | 16-17 |
|  |  |  |  |
|  |  |  |  |
| **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 Paul D. Camp 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