**Darby S. Lancaster 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**

|  |  |  |  |
| --- | --- | --- | --- |
| **Darby S. Lancaster Community College** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester | | | |
| SDV 100 | 1 | ORIN 1TC | 1 |
| ITE 115 | 3 | CS 1TC | 3 |
| ENG 111 | 3 | ENGL 101 | 3 |
| BIO 101 | 4 | BIO 101 & 103 | 4 |
| MTH 163 | 3 | MATH 126C | 3 |
| **TOTAL** | 14 |  | 14 |
| Year One, 2nd Semester | | | |
| ENG 112 | 3 | ENGL 102 | 3 |
| BIO 102 | 4 | BIO 102 & 104 | 4 |
| MTH 164 | 3 | MATH 128 | 3 |
| CST 110 | 3 | CSAD 270 | 3 |
| HLT 100 | 2 | CHPR 172 | 2 |
| **TOTAL** | 15 |  | 15 |
| Year Two, 1st Semester | | | |
| MTH 157 | 3 | STAT 1TC | 3 |
| ENG 241 | 3 | ENGL 241 | 3 |
| HIS 121 | 3 | HIST 152 | 3 |
| PSY 200 | 3 | PSYC 101 | 3 |
| CHM 111 | 4 | CHEM 115 + CHEM 115L | 4 |
| **TOTAL** | 16 |  | 16 |
| Year Two, 2nd Semester | | | |
| ENG 242 | 3 | ENGL 242 | 3 |
| REL 230 | 3 | RELG 102 | 3 |
| HIS 122 | 3 | HIST 153 | 3 |
| CHM 112 | 4 | CHEM 116 + CHEM 116L | 4 |
| ECO 201 | 3 | ECON 202 | 3 |
| **TOTAL** | 16 |  | 16 |
|  |  |  |  |
|  |  |  |  |
| **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 who select the American Society of Biochemistry and Molecular Biology may replace PHY 203 and 204 with PHY 201 and 202.

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 Blue Ridge 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