**Garrett College & West Virginia University**

**Associate of Science in Engineering – Electrical Engineering leading to**

**Bachelor of Science in Biometric Systems Engineering (WVU-BS)**

**Suggested Plan of Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Garrett College** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester |  |  |  |
| CHE 101 | 4 | CHEM 115 + CHEM 115L | 4 |
| ENG 100 | 3 | ENGR 101  | 3 |
| ENR 101 | 3 | ENGL 101 | 3 |
| MAT 190 | 4 | MATH 155 | 4 |
| **TOTAL** | 14 |  | 14 |
| Year One, 2nd Semester |  |  |  |
| CIS 170 | 4 | CS 110 | 4 |
| ENR 210 | 3 | EE 221 | 3 |
| ENR 211 | 1 | EE 222 | 1 |
| MAT 191 | 4 | MATH 156 | 4 |
| SPC 101 | 3 | CSAD 270 | 3 |
| **TOTAL** | 15 |  | 15 |
| Year Two, 1st Semester |  |  |  |
| ENR 240 | 3 | CPE 271 | 3 |
| ENR 241 | 1 | CPE 272 | 1 |
| ECN 201 | 3 | ECON 202 | 3 |
| MAT 192 | 4 | MATH 251 | 4 |
| PHY 111 | 5 | PHYS 111  | 5 |
| **TOTAL** | 16 |  | 16 |
| Year Two, 2nd Semester |  |  |  |
| ENR 230 | 3 | ENGR 102 | 3 |
| GER Humanities Course | 3 | GER Humanities Course | 3 |
| ECN 202 | 3 | ECON 201 | 3 |
| MAT 281 | 4 | MATH 261 | 4 |
| PHY 112 | 5 | PHYS 112  | 5 |
| **TOTAL** | 18 |  | 18 |
|  |  |  |  |
| **WEST VIRGINIA UNIVERSITY** |
| Year Three, 1st Semester |  | Year Three, 2nd Semester |  |
| BIOL 115 + BIOL 116 | 4 | BIOSCIENCE Elective | 3 |
| CS 111 | 4 | ENGL 102 | 3 |
| CPE 310 + 311 | 4 | EE 223 + 224 | 4 |
| MATH 375 | 3 | CS 350 | 3 |
| STAT 215 | 3 | AoE Course 1 | 4 |
| **TOTAL** | 18 | **TOTAL** | 17 |
| Year Four, 1st Semester |  | Year Four, 2nd Semester |  |
| BIOM 480 | 2 | BIOM 481 | 3 |
| EE 327 | 3 | CS 465 | 3 |
| EE 425 | 3 | AoE Course 3 | 3 |
| AoE Course 2 | 3 | Technical Elective  | 3 |
| BIOM 426 | 3 | EE 465 | 3 |
| **TOTAL** | 14 | **TOTAL** | 15 |

Students must have a cumulative GPA of 2.50 in all college coursework attempted, and a C or better in MAT 190 (WVU MATH 155), CHE 101 (WVU CHEM 115), ENG 101 (WVU ENGL 101), ENGR 100 (WVU ENGR 101), and ENGR 230 (WVU ENGR 102) to be admitted directly to the Biometric Systems Engineering program at the Statler College of Engineering and Mineral Resources upon transferring to West Virginia University to ensure this pathway.

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 regarding this articulation agreement or the transferability of coursework may contact the WVU Office of the University Registrar. All other questions should be directed to the WVU Office of Admissions.

The above transfer articulation of credit between West Virginia University and Garrett 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

David Wyrick Ph.D. Associate Dean for WVU’s Statler College of Engineering & Mineral Resources