**Community College of Allegheny County**

**& West Virginia University**

**Associate of Science in Physics leading to**

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

**Suggested Plan of Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Community College of Allegheny County** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester |
| ENG 101 | 3 | ENGL 101 | 3 |
| MAT 201 | 4 | MATH 2TC |  |
| PHY 221 | 4 | PHYS 111 | 4 |
| Humanities Elective | 3 | Humanities Elective | 3 |
| **TOTAL** | 14 |  | 14 |
| Year One, 2nd Semester |
| ENG 102 | 3 | ENGL 102 | 3 |
| MAT 202 | 4 | MATH 156 | 4 |
| PHY 222 | 4 | PHYS 112 | 4 |
| Computer Information Technology Elective | 3 | Computer Information Technology Elective | 3 |
| **TOTAL** | 14 |  | 14 |
| Year Two, 1st Semester |
| CHM 151 | 4 | CHEM 115 + CHEM 115L | 4 |
| MAT 250 | 4 | MATH 251 | 4 |
| PHY 223 | 4 | PHYS 2TC | 4 |
| Restricted Elective | 3-4 | Restricted Elective | 3-4 |
| Social Sciences Elective | 3 | Social Sciences Elective | 3 |
| **TOTAL** | 18-19 |  | 18-19 |
| Year Two, 2nd Semester |
| MAT 251 | 3 | MATH 2TC | 3 |
| PHY 224 | 3 | PHYS 2TC | 3 |
| CHM 152 | 4 | CHEM 116 + CHEM 116L | 4 |
| Restricted Electives | 5-8 | Restricted Electives | 5-8 |
| **TOTAL** | 15-18 |  | 15-18 |
|  |  |  |  |
| **WEST VIRGINIA UNIVERSITY** |
| Year Three, 1st Semester | Year Three, 2nd Semester |
| PHYS 331 | 3 | PHYS 332 or 334 | 3 |
| PHYS 333 | 3 | PHYS 341 | 2 |
| PHYS 314 | 4 | AoE Course 1 | 4 |
| MATH 261 | 4 | AoE Course 2 | 3 |
|  |  | General Elective | 3 |
| **TOTAL** | 14 | **TOTAL** | 15 |
| Year Four, 1st Semester | Year Four, 2nd Semester |
| PHYS 451 | 3 | PHYS 461 | 3 |
| PHYS 341 | 1 | Capstone | 3 |
| AoE Course 3 | 3 | AoE Course 5 | 3 |
| AoE Course 4 | 4 | General Elective | 6 |
| General Elective | 4 |  |  |
| **TOTAL** | 15 | **TOTAL** | 15 |

To be admitted to the Physics program at West Virginia University, students must maintain a GPA of 2.2 in Math & Physics courses with at least one Math & Physics course completed.

Bachelor’s degrees at WVU require a minimum of 120 credit hours. Students should work with their academic advisors on the appropriate use of elective credit to reach that minimum.

Students completing degrees in WVU’s Eberly College of Arts and Sciences are encouraged to work with their advisors to integrate completion of an academic minor or minors into their programs of study, to the degree allowed within elective hours. WVU offers over 100 minors that complement major fields of study, build on students’ unique interests, expand perspectives, and broaden skills. See <http://catalog.wvu.edu/undergraduate/minors/#minorsofferedtext> for a list of available minors. Allegheny County students may begin completion of certain minors at CCAC by utilizing ELECTIVE hours to take courses equivalent to the minor’s introductory requirements at WVU.

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 Community College of Allegheny County, 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

Valerie Lastinger Ph.D. Associate Dean for Academics of WVU’s Eberly College of Arts and Science