**Harford Community College & West Virginia University**

**Associate of Science leading to**

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

**Suggested Plan of Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Harford Community College** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester | | | |
| CHEM 111 | 4 | CHEM 115 + CHEM 115L | 4 |
| ENG 101 | 3 | ENGL 101 | 3 |
| MATH 203 | 4 | MATH 155 | 4 |
| Behavioral/Social Science Elective | 3 | Behavioral/Social Science Elective | 3 |
| **TOTAL** | 14 |  | 14 |
| Year One, 2nd Semester | | | |
| CHEM 112 | 4 | CHEM 116 + CHEM 116L | 4 |
| MATH 204 | 4 | MATH 156 | 4 |
| PHYS 203 | 3 | PHYS 2TC | 3 |
| Arts/Humanities Elective | 3 | Program Elective | 3 |
| General Elective | 3 | General Elective | 3 |
| **TOTAL** | 17 |  | 17 |
| Year Two, 1st Semester | | | |
| MATH 204 | 3 | MATH 2TC | 3 |
| PHYS 204 | 4 | PHYS 2TC | 4 |
| CIS Elective | 3 | CIS Elective | 3 |
| Arts/Humanities Elective | 3 | Arts/Humanities Elective | 3 |
| **TOTAL** | 13 |  | 13 |
| Year Two, 2nd Semester | | | |
| MATH 206 | 4 | MATH 261 | 4 |
| MATH 217 | 4 | MATH 343 | 4 |
| PHYS 205 | 4 | PHYS 2TC | 4 |
| Arts/Humanities Elective | 3 | Arts/Humanities Elective | 3 |
| Physical Education Elective | 1 | Physical Education Elective | 1 |
| **TOTAL** | 16 |  | 16 |

|  |  |  |  |
| --- | --- | --- | --- |
| **WEST VIRGINIA UNIVERSITY** | | | |
| Year Three, 1st Semester | | Year Three, 2nd Semester | |
| MATH 261 | 4 | PHYS 211 | 3 |
| PHYS 331 | 3 | PHYS 314 | 4 |
| PHYS 333 | 3 | PHYS 332 or PHYS 334 | 3 |
| General Elective | 3 | General Elective | 3 |
| General Elective | 3 | General Elective | 2 |
| **TOTAL** | 16 | **TOTAL** | 15 |
| Year Four, 1st Semester | | Year Four, 2nd Semester | |
| PHYS 341 | 2 | PHYS 341 | 2 |
| PHYS 451 | 3 | PHYS 461 | 3 |
| PHYS Elective | 3 | PHYS 496 | 3 |
| PHYS Elective | 3 | PHYS Elective | 3 |
| General Elective | 3 | General Elective | 3 |
| PHYS 341 | 2 | PHYS 341 | 2 |
| **TOTAL** | 16 | **TOTAL** | 16 |

Students must have a GPA of 2.2 in all MATH and PHYS courses to be admitted to the Physics program upon transferring to West Virginia University.

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. Harford students may begin completion of certain minors at HCC 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 Harford 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

Valerie Lastinger Ph.D. Associate Dean for WVU’s Eberly College of Arts & Sciences