

# Harrisburg Area Community College & West Virginia University



Associate of Science: Mathematics A.S. leading to  
Bachelor of Arts in Physics B.A.  
Suggested Plan of Study



| Harrisburg Area CC   | Hours | WVU Equivalent   | Hours |
|--|-------|--|-------|
| Year One, 1 <sup>st</sup> Semester                               |       |  |       |
| COMM 101   | 3     | COMM 270 & COMM 270S   | 3     |
| ENGL 101   | 3     | ENGL 101   | 3     |
| FS 102 (FYS)   | 1     | WVUE 191   | 1     |
| MATH 121   | 4     | MATH 155 (Required)  | 4     |
| CHEM 101 (Transfer Elective)                                     | 4     | CHEM 115 & CHEM 115L (Required)                                      | 4     |
| <b>TOTAL</b>   | 15    | <b>TOTAL</b>   | 15    |
| Year One, 2 <sup>nd</sup> Semester                               |       |  |       |
| CPS 121  | 3     | CS 110   | 3     |
| ENGL 102   | 3     | ENGL 102   | 3     |
| ART 181 or ART 182 or MUS 102 or MUS 104 or FMTH 101 or FMTH 103 | 3     | ARHS 120 or ARHS 160 or MUSC 111 or MUSC 116 or THET 160 or THET 144 | 3     |
| MATH 122   | 4     | MATH 156 (Required)  | 4     |
| CHEM 102 (Transfer Elective)                                     | 4     | CHEM 116 & CHEM 116L (Required)                                      | 4     |
| <b>TOTAL</b>   | 17    | <b>TOTAL</b>   | 17    |
| Year Two, 1 <sup>st</sup> Semester                               |       |  |       |
| MATH 125   | 3     | MATH 303   | 3     |
| MATH 221   | 4     | MATH 251 (Required)  | 4     |
| SOC 200 or PSYC 101 (Social Behavior Science)                    | 3     | SOC 101 or PSYC 101  | 3     |
| PHYS 211 (Transfer Elective)                                     | 4     | PHYS 111 & PHYS 111L (Required)                                      | 4     |
| Wellness Elective  | 1     | Elective   | 1     |
| <b>TOTAL</b>   | 15    | <b>TOTAL</b>   | 15    |
| Year Two, 2 <sup>nd</sup> Semester                               |       |  |       |
| MATH 222   | 4     | MATH 261 (Required)  | 4     |
| PHYS 212 (Transfer Elective)                                     | 4     | PHYS 112 & PHYS 112L (Required)                                      | 4     |
| Transfer Elective  | 3     | Elective   | 3     |
| Transfer Elective  | 2     | Elective   | 2     |
| <b>TOTAL</b>   | 13    | <b>TOTAL</b>   | 13    |

| West Virginia University                         |           |  |           |
|--|-----------|--|-----------|
| Year Three, 1 <sup>st</sup> Semester             |           | Year Three, 2 <sup>nd</sup> Semester             |           |
| PHYS 312   | 3         | PHYS 314   | 4         |
| Upper-Division PHYS/ASTR Elective <sup>(1)</sup> | 3         | Upper-Division PHYS/ASTR Elective <sup>(2)</sup> | 4         |
| EDG 1: Data and Society                          | 3         | EDG 3: Ethics and Civil Responsibility           | 3         |
| EDG 2: Effective and Civil Communication         | 3         | EDG 4: Global and Regional Perspectives          | 3         |
| General Elective or Minor Course <sup>(1)</sup>  | 3         | General Elective                                 | 1         |
| <b>TOTAL</b>                                     | <b>15</b> | <b>TOTAL</b>                                     | <b>15</b> |
| Year Four, 1 <sup>st</sup> Semester              |           | Year Four, 2 <sup>nd</sup> Semester              |           |
| Upper-Division PHYS/ASTR Elective <sup>(3)</sup> | 4         | PHYS 341L <sup>(EDG 6)</sup>                     | 3         |
| ARSC 380 <sup>(EDG 5)</sup>                      | 3         | PHYS 496 <sup>(Capstone)</sup>                   | 3         |
| General Elective or Minor Course <sup>(2)</sup>  | 3         | General Elective or Minor Course <sup>(4)</sup>  | 3         |
| General Elective or Minor Course <sup>(3)</sup>  | 3         | General Elective or Minor Course <sup>(5)</sup>  | 3         |
| General Elective                                 | 2         | General Elective                                 | 3         |
| <b>TOTAL</b>                                     | <b>15</b> | <b>TOTAL</b>                                     | <b>15</b> |

Students must have a GPA of 2.2 in all MAT and PHY courses to be admitted directly into the Physics program upon transferring to West Virginia University.

Students completing degrees from the WVU Eberly College of Arts and Sciences are required to work with their advisors to integrate completion of an academic minor or minors into their programs of study. 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. HACC students may begin completion of certain minors at HACC by utilizing *Elective* hours to take courses equivalent to the minor's introductory requirements at WVU.

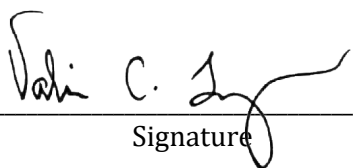
Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

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 Harrisburg Area Community College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Valérie Lastinger

Print Name



Signature

10/7/25

Date

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