**Community College of Allegheny County**

**& West Virginia University**

**Associate of Science in Mathematics & Science leading to**

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

**Suggested Plan of Study**

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| --- | --- | --- | --- |
| **Community College of Allegheny County** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester |
| ENG 101 | 3 | ENGL 101 | 3 |
| Computer Information Technology Elective | 3 | Computer Information Technology Elective | 3 |
| General Elective | 3 | General Elective | 3 |
| MAT 201 | 4 | MATH 155 | 4 |
| Science Electives | 3-4 | Science Electives | 3-4 |
| **TOTAL** | 16-17 |  | 16-17 |
| Year One, 2nd Semester |
| ENG 102 | 3 | ENGL 102 | 3 |
| General Elective | 3 | General Elective | 3 |
| Major Field Elective | 3-4 | Major Field Elective | 3-4 |
| MAT 202 | 4 | MATH 156 | 4 |
| Science Electives | 3-4 | Science Electives | 3-4 |
| **TOTAL** | 16-18 |  | 16-18 |
| Year Two, 1st Semester |
| SPH 101 | 3 | CSAD 270 | 3 |
| Humanities Elective | 3 | Humanities Elective | 3 |
| MAT 251 | 4 | MATH 251 | 4 |
| Major Field Elective | 3-4 | Major Field Elective | 3-4 |
| Social Science Elective | 3 | Social Science Elective | 3 |
| **TOTAL** | 16-18 |  | 16-18 |
| Year Two, 2nd Semester |
| General Electives | 6 | General Electives | 6 |
| \*Major Field Elective  | 9 | Major Field Elective  | 9 |
| **TOTAL** | 15 |  | 15 |

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| **WEST VIRGINIA UNIVERSITY** |
| Year Three, 1st Semester | Year Three, 2nd Semester |
| MATH 343 or 441 | 3 | MATH 222 or 420 | 3 |
| STAT 215 or 461 | 3 | MATH 495 | 1 |
| MATH 283 | 3 | Math Elective 1 | 3 |
| B.S. Second Area 1 | 4 | Advanced Mathematics Course | 4 |
| General Elective | 2 | B.S. Second Area 2 | 4 |
| **TOTAL** | 15 | **TOTAL** | 15 |
| Year Four, 1st Semester | Year Four, 2nd Semester |
| MATH 451 | 3 | MATH 495 | 1 |
| MATH 495 | 2 | Math Elective 2 | 3 |
| B.S. Third Area 1 | 4 | B.S. Third Area 2 | 4 |
| General Elective | 5 | General Elective | 5 |
| **TOTAL** | 14 | **TOTAL** | 13 |

To be admitted in the Mathematics program at West Virginia University, student must complete MATH 155 (MAT 201) with C- or higher and maintain 2.0 overall GPA.

\*Although not directly equivalent to WVU’s MATH 261, and thus not required, MAT 251 is recommended as a beneficial preparation for advanced Mathematics coursework at WVU.

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