

# Westmoreland Community College & West Virginia University



Associate of Science in Biology leading to  
Bachelor of Science – Biology (WVU-BS)  
Suggested Plan of Study



| Westmoreland Community College   | Hours | WVU Equivalents  | Hours |
|--|-------|--|-------|
| <b>Year One, 1<sup>st</sup> Semester</b>   |       |  |       |
| PDV 171: Career Pathway Exploration  | 3     | WVUE 191: First Year Seminar   | 3     |
| ENG 161: College Writing   | 3     | ENGL 101: Composition and Rhetoric   | 3     |
| MTH 158: Pre-Cal Math  | 3     | MATH 128: Plane Trigonometry   | 3     |
| BIO 155: General Biology I   | 4     | BIOL 101: General Biology I & BIOL 103: General Biology Lab  | 4     |
| CHM 155: General Chemistry I   | 4     | CHEM 115 & CHEM 115L: Fundamentals of Chemistry and Lab  | 4     |
| <b>TOTAL</b>   | 17    |  | 17    |
| <b>Year One, 2<sup>nd</sup> Semester</b>   |       |  |       |
| MTH 172: Analytical Geometry and Calculus I  | 4     | MATH 155: Calculus 1   | 4     |
| BIO 156: General Biology II  | 4     | BIO 102 General Biology II & BIOL 104: General Biology Lab II  | 4     |
| CHM 156: General Chemistry II  | 4     | CHEM 116 & CHEM 116L: Fundamentals of Chemistry and Lab II   | 4     |
| ENG 164: Advanced Composition (Humanities)   | 3     | ENGL 102: Composition and Rhetoric   | 3     |
| <b>TOTAL</b>   | 15    |  | 15    |
| <b>Year Two, 1<sup>st</sup> Semester</b>   |       |  |       |
| CHM 250: Organic Chem I  | 4     | CHEM 233 & CHEM 235: Organic Chemistry and Lab   | 4     |
| BIO 120: Environmental Issues or BIO 145: General Botany or BIO 255, or BIO 265, BIO 285 | 3-4   | ENVP 155: Elements-Environmental Protection or PLSC 206: Principles of Plant Science or GEN 101 + GEN 1TC: Beginner's Guide-Genetics or MICB 200: Medical Microbiology + MICB 2TC or GEN 371: Principles of Genetics | 3-4   |
| SPC 155: Effective Speech  | 3     | CSAD 270: Effective Public Speaking  | 3     |
| Elective: Social Science   | 3     | Elective   | 3     |
| <b>TOTAL</b>   | 13-14 |  | 13-14 |
| <b>Year Two, 2<sup>nd</sup> Semester</b>   |       |  |       |
| CHM 251: Organic Chem II   | 4     | CHEM 234 & CHEM 236: Organic Chemistry and Lab II  | 4     |
| BIO 120: Environmental Issues or BIO 145: General Botany or BIO 255, or BIO 265, BIO 285 | 4     | ENVP 155: Elements-Environmental Protection or PLSC 206: Principles of Plant Science or GEN 101 + GEN 1TC: Beginner's Guide-Genetics or MICB 200: Medical Microbiology + MICB 2TC or GEN 371: Principles of Genetics | 4     |
| STM 296: STEM Seminar  | 1     | PHYS 1TC   | 1     |
| Elective: Humanities   | 3     | Elective   | 3     |
| Elective: Social Science   | 3     | Elective   | 3     |
| <b>TOTAL</b>   | 15    |  | 15    |

| West Virginia University             |           |                                      |           |
|--------------------------------------|-----------|--------------------------------------|-----------|
| Year Three, 1 <sup>st</sup> Semester |           | Year Three, 2 <sup>nd</sup> Semester |           |
| BIOL 117 & BIOL 118                  | 4         | BIOL 219 & BIOL 220                  | 3         |
| STAT 211                             | 3         | BIOL Elective Lab 1                  | 4         |
| PHYS 101 or PHYS 111                 | 4         | PHYS 102 or PHYS 112                 | 4         |
| General Elective                     | 3         | General Elective                     | 3         |
| General Elective                     | 1         | General Elective                     | 2         |
| <b>TOTAL</b>                         | <b>15</b> | <b>TOTAL</b>                         | <b>16</b> |
| Year Four, 1 <sup>st</sup> Semester  |           | Year Four, 2 <sup>nd</sup> Semester  |           |
| BIOL Elective Group I                | 3         | BIOL Elective Group III              | 3         |
| BIOL Elective Group II               | 3         | BIOL Elective Group IV               | 3         |
| BIOL Elective Lab 2                  | 4         | BIOL Capstone                        | 3         |
| BIOL 221                             | 3         | Upper Level BIOL Elective            | 3         |
| BIOL 327                             | 1         | Upper Level BIOL Elective Lab        | 4         |
| <b>TOTAL</b>                         | <b>13</b> | <b>TOTAL</b>                         | <b>16</b> |

Students must have a C- or better in BIO 155, BIO 156, and CHE 155 (WVU's BIOL 101-104 and CHEM 115) in order to be admitted directly into the Biology program upon transferring to West Virginia University. Students will need to complete BIOL 117 & BIOL 118 in their first semester at WVU. It would even be encouraged for students to take the course prior to attending their first Fall semester at WVU.

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. Westmoreland County Community College students may begin completion of certain minors at WCCC by utilizing *Elective* hours to take courses equivalent to the minor's introductory requirements at WVU.

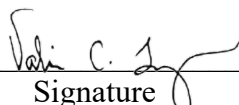
Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

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

Valérie Lastinger

Print Name



Signature

02/15/22

Date

Valerie Lastinger Ph. D. Associate Dean of Academic Affairs, WVU Eberly College of Arts & Sciences