

Westmoreland Community College & West Virginia University



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



Westmoreland Community College	Hours	WVU Equivalents	Hours
Year One, 1st Semester			
PDV 171: First Year Seminar	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
TOTAL	17		17
Year One, 2nd Semester			
MTH 172: Calculus 1	4	MATH 155: Calculus 1	4
BIO 156: General Biology II	4	BIOL 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	3	ENGL 102: Composition and Rhetoric	3
TOTAL	15		15
Year Two, 1st Semester			
CHM 250: Organic Chem I	4	CHEM 233 & CHEM 235: Organic Chemistry and Lab	4
BIO 120: Environmental Issues	3	ENVP 155: Elements-Environmental Protection	3
SPC 155: Effective Speech	3	CSAD 270: Effective Public Speaking	3
*PSY 160: Introduction to Psychology or SOC 155: Introduction to Sociology	3	PSYC 101: Introduction to Psychology or SOC 101: Introduction to Sociology	3
TOTAL	13		13
Year Two, 2nd Semester			
CHM 251: Organic Chem II	4	CHEM 234 & CHEM 236: Organic Chemistry and Lab II	4
BIO 210: Science and Technology	4	BIOL 1TC: Science and Technology	4
STM 296	1	PHYS 1TC	1
Humanities Elective	3	Elective	3
ECN 255: Macroeconomics or ECN 256: Microeconomics	3	ECON 202: Principles of Macroeconomics or ECON 201 Principles of Microeconomics	3
TOTAL	15		15

West Virginia University			
Year Three, 1 st Semester		Year Three, 2 nd Semester	
STATS 211: Elementary Statistical Inference	3	AGBI 410: Introductory Biochemistry	3
AEM 216: Living in a Microbial World	3	GEN 371: Principles of Genetics	4
AEM 341: General Microbiology	4	PHYS 102: Introductory Physics II	4
PHYS 101: Introductory Physics	4	BIOL 117 & 118 Introductory Physiology	4
Restricted Elective (1)	3		
TOTAL	17	TOTAL	15
Year Four, 1 st Semester		Year Four, 2 nd Semester	
BIOL 219 & 220 The Living Cell	4	AEM 470: Microbes and Global Change	3
PPTH 401: General Plant Pathology	4	AEM 401: Environmental Microbiology	3
Restricted Elective (2)	3	Restricted Elective (4)	3
Restricted Elective (3)	3	Restricted Elective (5)	3
		General Elective	2
TOTAL	14	TOTAL	14

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.

Kimberly Barnes

Print Name



Signature

7/21/2022

Date

Kimberly Barnes Ph.D. Associate Dean for WVU's Agriculture and Natural Resources