

Westmoreland Community College & West Virginia University



Associate of Science in Chemistry leading to
Bachelor of Science – Chemistry (WVU-BA)
Suggested Plan of Study



Westmoreland Community College	Hours	WVU Equivalents	Hours
Year One, 1st Semester			
PDV 171: Career Pathway Exploration	3	WVUE 191: First Year Seminar	3
*PHY 255: Engineering Physics I	5	*PHYS 111 + PHYS 1TC: General Physics I	5
CHM 155: General Chemistry I	4	CHEM 115 & CHEM 115L: Fundamentals of Chemistry and Lab	4
MTH 172: Calculus I	4	MATH 155: Calculus I	4
TOTAL	16		16
Year One, 2nd Semester			
ENG 161: College Writing	3	ENGL 101: Composition and Rhetoric	3
MTH 173: Calculus II	4	MATH 156: Calculus II	4
*PHYS 256: Engineering Physics II	5	*PHYS 112 + PHYS 1TC: General Physics II	5
CHM 156: General Chemistry II	4	CHEM 116 & CHEM 116L: Fundamentals of Chemistry and Lab II	4
TOTAL	16		16
Year Two, 1st Semester			
ENG 164: Advanced Composition	3	ENGL 102: Composition and Rhetoric	3
CHM 250: Organic Chem I	4	CHEM 233 & CHEM 235: Organic Chemistry and Lab	4
BIO 155: General Biology I or CPT 160: Intro to Programming	3-4	BIOL 101: General Biology I & BIOL 103: General Biology Lab or ENGR 2TC: Intro to Programming	3-4
MTH 271: Analytical Geometry & Calculus III	4	MATH 251: Multivariable Calculus	4
PHY 259: Thermodynamics & Fluid Mechanics	3	PHYS 2TC: Thermodynamics & Fluid Mechanics	4
TOTAL	17-18		17-18
Year Two, 2nd Semester			
CHM 251: Organic Chem II	4	CHEM 234 & CHEM 236: Organic Chemistry and Lab II	4
SPC 155: Effective Speech	3	CSAD 270: Effective Public Speaking	3
STM 296: STEM Seminar	1	PHYS 1TC	1
Social Science Elective	3	Elective	3
TOTAL	11		11

WEST VIRGINIA UNIVERSITY			
Year Three, 1 st Semester		Year Three, 2 nd Semester	
CHEM 215 & CHEM 215L	4	CHEM 310	3
CHEM 335	4	CHEM 347 & CHEM 348	4
CHEM 346	3	AGBI 410	3
General Elective or Minor Course (1)	3	General Elective Minor Course (2)	3
General Elective	1	General Elective Minor Course (3)	3
TOTAL	15	TOTAL	16
Year Four, 1 st Semester		Year Four, 2 nd Semester	
CHEM 349	2	*CHEM 401 & CHEM 403 (Capstone)	2
CHEM 313	1	CHEM 423	2
CHEM 422	3	CHEM Elective (2)	3
CHEM Elective (1)	3	General Elective Minor Course (5)	3
General Elective Minor Course (4)	3	General Elective	3
TOTAL	16	TOTAL	13

Students must complete both CHM 155 & CHM 156 with a grade of C or better to be admitted to the Chemistry program when transferring to WVU.

CHEM 191 is recommended by the Chemistry department as a helpful addition.

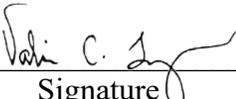
*CHEM 401 & CHEM 403 are currently offered in the Spring semester only. This offering may move to both Fall and Spring semester in the future.

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		02/01/22
Print Name	Signature	Date

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