Cuyahoga Community College & West Virginia University
Associate of Science A.S. leading to
Bachelor of Arts in Math B.A.
Suggested Plan of Study

Cuyahoga Community College	Hours	WVU Equivalents	Hours
Year One, 1st Semester			
ENG 1010/101H – College Composition I/Honors	3	ENGL 101 – Intro to Composition and Rhetoric	3
MATH 1610/161H – Calculus I	5	MATH 155 + MATH 1TC – Calculus I	5
CHEM 1300 & CHEM 130L, or CHEM 130H – General Chemistry I and Lab	5	CHEM 115 & CHEM 115L + CHEM 1TC: Fundamentals of Chemistry I & Lab (B.S. Area 1-1)	5
OT36 Social and Behavioral Sciences Elective	3	Social & Behavioral Science Elective	3
TOTAL	16		16
Year One, 2nd Semester			
ENG 1020/102H – College Composition II/Honors or ENG 2151 – Technical Writing	3	ENGL 102 – Composition, Rhetoric, and Research or WRIT 305 – Technical Writing	3
MATH 1620/162H – Calculus II	5	MATH 156 + MATH 1TC – Calculus II (B.S. Area 2-1)	5
OT36 Social and Behavioral Sciences Elective	3	Social & Behavioral Science Elective	3
CHEM 1310 & CHEM 131L, or CHEM 131H – General Chemistry II and Lab	5	CHEM 116 & CHEM 116L + CHEM 1TC: Fundamentals of Chemistry II & Lab (B.S. Area 1-2)	5
TOTAL	16		16
Year Two, 1st Semester			
MATH 2310 – Calculus III	4	MATH 251 – Multivariable Calculus (B.S. Area 2-2)	4
MATH 2410 – Introduction to Linear Algebra	3	MATH 441 – Applied Linear Algebra	3
PHYS 2310 – General Physics I	5	PHYS 111 & PHYS 111L + PHYS 2TC – General Physics I (B.S. Area 3-1)	5
OT36 Arts & Humanities	3	Arts & Humanities Elective	3
TOTAL	15		15
Year Two, 2nd Semester			
MATH 2520 – Differential Equations	3	MATH 261 – Elementary Differential Equations	3
PHYS 2320 – General Physics II	5	PHYS 112 & PHYS 112L + PHYS 2TC – General Physics II (B.S. Area 3-2)	5
OT36 Arts & Humanities	3	Arts & Humanities Elective	3
Elective	2	Elective	2
TOTAL	13		13

West Virginia University			
Year Three, 1st Semester		Year Three, 2nd Semester	
STAT 215 – Introduction to Probability and Statistics Or STAT 461 – Introduction to Probability Theory	3	MATH 322 –Introduction to Programming and Computational Mathematics	3
MATH 303 – Intro to the Concepts of Mathematics	3	Advanced Mathematics Course (1)	3
General Elective or Minor Course (1)	3	MATH 495	1
General Elective or Minor Course (2)	3	General Elective	3
General Elective	3	General Elective	3
		General Elective	2
TOTAL	15	TOTAL	15
Year Four, 1st Semester		Year Four, 2nd Semester	
MATH 495	2	MATH 495	1
Upper-Division Mathematics Elective (1)	3	Upper-Division Mathematics Elective (2)	3
Advanced Mathematics Course (2)	3	General Elective or Minor Course (4)	3
General Elective or Minor Course (3)	3	General Elective or Minor Course (5)	3
General Elective	4	General Elective	3
		General Elective	2
TOTAL	15	TOTAL	15

Course sequence may change based on the individual needs of the student and schedule type required.

New college students may be required during their first semester to participate in GEN 1070, First Year Success Seminar, a one credit hour course. See a Tri-C Counselor for details.
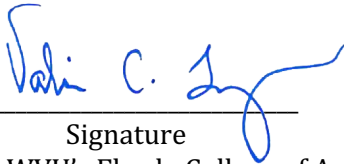
This represents an example of suggested courses to complete the Associate of Science to continue for a bachelor's degree, which must total at least 60 semester credits and includes 36 Ohio Transfer 36 (OT36) credits which are approved Tri-C general education requirements. OT36 details can be found at https://www.ohiohighered.org/Ohio-Transfer-36. Students should work closely with advisors at both institutions to discuss options.

Students must have a C- or better in MATH 1610 (WVU's MATH 155) to be admitted directly into the Mathematics program upon transferring to West Virginia University.

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 (304-293-2121).

The above transfer articulation of credit between West Virginia University and Cuyahoga Community College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Valérie Lastinger		11/19/24
Print Name	Signature	Date

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