A2BW - Associate to Bachelor's Program
AS to BS in Software Engineering

Recommended Minor: Biology, Chemistry, Math or Physics

Cuyahoga Community College

BW Baldwin Wallace University

Suggested Sequence at Tri-C

**For the best A2BW fit, students should complete the following math course as part of the AS degree prior to transferring: MATH 1610. 1620, 2010

These courses should be selected as part of the AS: **IT 1025, 1050, 2650, 2660, BIO 1500/1510, CHM 1300/1310 or PHY 1210/1220 w/labs and Honors options when available**

OT36 refers to the Ohio Transfer 36. Talk with a Tri-C counselor for more information

First Semester		Credits
Arts/Humanities	OT36 Arts/Humanities course	3
ENG 1010	College Composition I	3
IT 1025#	IT Concepts for Programmers	3
Natural Science	OT36 Natural Science no lab	3
Soc/Beh Sci	OT36 Soc/Beh Science course	3
		15

Second Semester		Credits
ENG 1020	College Composition II	3
IT 1050#	Programming Logic	3
MATH 1610**	Calculus I	5
Natural Science	OT36 Natural Science w/lab	4
		15

Third Semester		Credits
IT 2650#	Java Programming	4
MATH 1620**	Calculus II	5
Nat Science/lab#	BIO 1500, CHM 1300 **or** PHY 1210 w/lab	4
Soc/Beh Sci	OT36 Soc/Beh Science course	3
		16

Fourth Semester		Credits
Arts/Humanities	OT36 Arts/Humanities course	3
IT 2660#	Data Structures	4
MATH 2010**	Intro to Discrete Math	4
Nat Science/lab#	BIO 1510, CHM 1310 **or** PHY 1220 w/lab	4
		15

Associate of Science Degree Awarded   Total hours: **61***
*A maximum of 60 credits transfers to BW for your AA degree.

Suggested Sequence at BW

Course sequence may change based on individual needs of the student, schedule type required, and completion of **MATH courses** before transfer.

Fifth Semester		Credits
CSC 235	System Requirements and Testing	3
CSC 400 **or** Major Elective	Operating Systems **or** a choice of electives in the major	3
CSC 310	Software Engineering I	3
Sci/Math or minor	Sci/Math course or minor	3-4
Minor	Minor course	3
		15-16

Sixth Semester		Credits
CSC 311	Software Engineering II	3
CSC 335	Software Validation & Verification	3
CSC 280 **or** 380	Data Systems **or** Database Theory	3
CSC 400 **or** Major Elective	Operating Systems **or** a choice of electives in the major	3
Sci/Math or minor	Sci/Math course or minor	3-4
		15-16

Seventh Semester		Credits
CSC 400 **or** Major Elective	Operating Systems **or** a choice of electives in the major	3
CSC 430	Algorithm Design & Analysis	3
CSC 480	Senior Software Engineering Proj. 1	3
MTH 235	Prob/Stats for Scientists/Engineers	3
Sci/Math or minor	Sci/Math course or minor	3-4
		15-16

Eighth Semester		Credits
CSC 335 or 360	Software Validation & Verification or Info Sys: Project Management	3
CSC 481	Senior Software Eng. Project II	3
CSC 497X	Senior Internship	3
Minor	Minor course	3
Minor	Minor course	**3**
		15

Bachelor of Science Degree Awarded   Total hours at Tri-C/BW: **120**

BW's Experiential Learning requirement will be met through the internship for the major.

A2BW - Associate to Bachelor's Program
AS to BS in Software Engineering
Recommended Minor: Biology, Chemistry, Math or Physics

The A2BW program awards maximum credit for an associate degree from Cuyahoga Community College, streamlining completion of a bachelor's degree from Baldwin Wallace University. A maximum of 60 credits transfers to BW from Tri-C for your AS degree, fulfilling most of the BW core requirements and guaranteeing junior status.

Disclaimer: Students should work with a BW academic advisor to identify a minor or second major, electives, and possible Experiential Learning options. A BW advisor also assists students with developing a graduation plan for **full or part time study**.

All students must complete:

- A minimum of 120 semester credits (combined Tri-C and BW)
- A minor or second major
- All residency requirements (45 credits for BW, plus major and minor residency)
- An Experiential Learning requirement (Ex: internship, field experience, study abroad, community service)

Students have the opportunity to attend both institutions at the same time through dual enrollment or cross registration.

Dual Enrollment
For more information about dual enrollment, visit: https://www.bw.edu/undergraduate-admission/transfer/dual-admission/

Or contact:
Kelsey Zolac   **Campus Transfer Centers**
Assistant Director of Admission   www.tri-c.edu/campustransfercenters
Baldwin Wallace University
(440) 826-2429
kzolac@bw.edu

Learn More!
Talk with a BW Admission Counselor about the A2BW or for information about cross registration.
440-826-8012
admission@bw.edu
www.bw.edu/A2BW

This Transfer Pathway completes the Associate of Science degree, which must total at least 60 semester credits and includes 36 credits of the Ohio Transfer 36 (OT36), which are approved Tri-C general education requirements. OT36 details can be found at https://www.ohiohighered.org/Ohio-Transfer-36