



# A2BW - Associate to Bachelor's Program

## AS to BS in Computer Science



### 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** and **Honors options when available.**

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

First Semester		Credits
ENG 1010	College Composition I	3
IT 1025#	IT Concepts for Programmers	3
MATH 1610**	Calculus I	5
Natural Science	OT36 Natural Science w/lab	4
		<b>15</b>

Second Semester		Credits
Arts/Humanities	OT36 Arts/Humanities course	3
ENG 1020	College Composition II	3
IT 1050#	Programming Logic	3
MATH 1620**	Calculus II	5
Natural Science	OT36 Natural Science/no lab	3
		<b>17</b>

Third Semester		Credits
IT 2650#	Java Programming	4
MATH 2010**	Intro to Discrete Math	4
Natural Science	CHM 1300 <b>or</b> PHY 1210 w/lab recommended	4
Soc/Beh Science	OT36 Soc/Beh Science course	3
		<b>15</b>

Fourth Semester		Credits
Arts/Humanities	OT36 Arts/Humanities course	3
IT 2660#	Data Structures	3
Natural Science	CHM 1310 <b>or</b> PHY 1220 w/lab recommended	4
Soc/Beh Science	OT36 Soc/Beh Science course	3
		<b>13</b>

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

### Suggested Sequence at BW

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

Fifth Semester		Credits
CSC 280	Data Systems	3
CSC 291	Computer Science Research Methods	2
CSC elective	200+ level elective course	3
CSC 400 or 430	Oper Sys or Algorithm Design & Analysis	3
CSC 411 Or 420	Comp Prog Lang or Formal Languages	3
Minor	Minor course	3
		<b>17</b>

Sixth Semester		Credits
CSC elective	200+ level elective course	3
CSC 320	Computer Architecture & Org.	3
MTH 235	Prob & Stats for Sci/Engineers	3
Minor	Minor course	3
Minor	Minor course	3
		<b>15</b>

Seventh Semester		Credits
CSC elective	300-400 level elective course	3
CSC 400 or 430	Oper Sys or Algorithm Design & Analysis	3
CSC 411 Or 420	Comp Prog Lang or Formal Languages	3
Minor	Minor course	3
Minor	Minor course	3
		<b>15</b>

Eighth Semester		Credits
CSC elective	300-400 level elective course	3
CSC 494 or 497X	CS Research Capstone or Internship	3
MATH 201+	Upper level math course	3
Minor	Minor course	3
Minor or elective	Minor or ele course, if needed	3
		<b>12-15</b>

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

**BW's Experiential Learning** requirement may be met by completing the internship for the major or through the minor, study abroad or approved individual experiences.

**Additional information on back**



## A2BW - Associate to Bachelor's Program AS to BS in Computer Science



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:

**Joyce J. Cendroski**  
Director of First-Year Recruitment  
Baldwin Wallace University  
(440) 826-8004  
[jcendros@bw.edu](mailto:jcendros@bw.edu)

**Campus Transfer Centers**  
[www.tri-c.edu/campustransfercenters](http://www.tri-c.edu/campustransfercenters)

### **Learn More!**

Talk with a BW Admission Counselor about the A2BW or for information about cross registration.  
440-826-8012  
[admission@bw.edu](mailto:admission@bw.edu)  
[www.bw.edu/A2BW](http://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>*