



# A2BW - Associate to Bachelor's Program

## AS to BS in Chemistry

### Minor in Biology



#### Suggested Sequence at Tri-C

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

# These courses should be selected as part of the AS: **BIO 1500, 1510, CHEM 1300 130L, 1310, 131L 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
CHEM 1010	Intro to Inorganic Chemistry	4
COMM 1010	Fundamentals of Speech Com	3
ENG 1010	College Composition I	3
PSY 1010	General Psychology	3
		<b>16</b>

Second Semester		Credits
BIO 1500#	Principles of Biology I	4
CHEM 1300#	General Chemistry I	4
CHEM 130L#	General Chemistry Lab	1
ENG 1020	College Composition II	3
MATH 1580** or ELE	Pre-Calculus, if needed	5
		<b>17</b>

Third Semester		Credits
BIO 1510#	Principles of Biology II	4
CHEM 1310#	General Chemistry II	4
CHEM 131L#	General Chemistry Lab	1
MATH 1610**	Calculus I	5
		<b>14</b>

Fourth Semester		Credits
Arts/Humanities	OT36 Arts/Hum course (diff. subject than other Arts/Hum)	3
Elective	Elective course	3
MATH 1620**	Calculus II	5
SOC 1010	Intro. Soc. or Soc/Beh Sci OT36 ele	3
		<b>14</b>

Associate of Science Degree Awarded Total hours: **61\***  
\*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 **MATH courses** before transfer. Student should consult their faculty advisor for schedule and graduation planning.

Fifth Semester		Credits
BIO minor	Any biology course for minor	3-4
CHM 221	Quantitative Analysis	3
CHM 225	Quantitative Analysis Lab	1
CHM 251	Organic Chemistry I	4
CHM 255L	Organic Chemistry I Lab	.5
PHY 131	General Physics I	4
PHY 151L	General Physics I Lab	1
		<b>16.5-17.5</b>

Sixth Semester		Credits
BIO minor	Any biology course for minor	3-4
CHM 252	Organic Chemistry II	4
CHM 256L	Organic Chemistry II Lab	1
CHM 364	Junior Chemistry Seminar	.5
Electives	Electives, if needed	3
PHY 132	General Physics II	4
PHY 152L	General Physics II Lab	1
		<b>16.5-17.5</b>

Seventh Semester		Credits
BIO minor	Any biology course for minor	3-4
CHM 311	Biochemistry	3
CHM 315	Biochemistry Lab	1
CHM 331 or 341	Phys. Chm. or Inorganic Chm.	3
CHM 335 or 345	Phys. Chm lab or Inorg. Chm lab	1
CHM 3XX	Addtl. 300-level course, if needed	1-3
CHM 464	Senior Chemistry Seminar I	1
		<b>13-16</b>

Eighth Semester		Credits
BIO minor	Any biology course for minor	4
CHM 321 or 332	Inst. Analy. or Phys. Chem. II	3
CHM 325 or 335	Inst. Analy. lab or Phys. Chm. lab	1
CHM 465	Senior Chemistry Seminar	.5
CHM 4XX	400-level topics course	.5-2
Electives	Any electives	3
		<b>12-14</b>

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

**BW's Experiential Learning** requirement may be incorporated into the major, minor, or elective courses, summer internships, study abroad, or approved individual experiences.

[Additional information on back](#)



# A2BW - Associate to Bachelor's Program

## AS to BS in Chemistry

### Minor in Biology



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, including major and minor residencies)
- 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>*