



A2BW - Associate to Bachelor's Program

AS to BS in Biology

Minor in Physics



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 1410, 1470

These courses should be selected as part of the AS: **BIO 1500, 1510, 2331 or higher, 2500, CHEM 1300 130L, 1310, 131L and Honors options when available**

^Tri-C equivalent course taken under SPCH will be accepted to meet this requirement.

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

| First Semester | | Credits |
|-----------------|------------------------------|-----------|
| Arts/Humanities | OTM A&H 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 |
| | | 16 |

| 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 1410** | Elem Probability & Statistics I | 3 |
| | | 15 |

| Third Semester | | Credits |
|---------------------|---|-----------|
| Arts/Humanities | OTM A&H course (diff. subject than other A&H) | 3 |
| BIO 2331 or higher# | Human Anat. & Phys. 1 or higher | 4 |
| BIO 1510# | Principles of Biology II | 4 |
| CHEM 1310# | General Chemistry II | 4 |
| CHEM 131L# | General Chemistry Lab | 1 |
| | | 16 |

| Fourth Semester | | Credits |
|-----------------|--|-----------|
| BIO 2500# | Microbiology | 4 |
| Elective | Any elective course | 3 |
| MATH 1470** | Modern Math for Bus./Soc Sci | 4 |
| SOC 1010 | Intro. Soc suggested or SBS OTM elective | 3 |
| | | 14 |

Suggested Sequence at BW

Course sequence may change based on individual needs of the student, schedule type required, and completion of **BIO 1500, 1510 and MATH 1470** before transfer. (Recommended: MATH 1580 Pre-Calculus for graduate school; MATH 1610 Calculus I for medical school)

| Fifth Semester | | Credits |
|----------------|-----------------------|-----------|
| BIO 211 | Genetics | 4 |
| BIO 222 | General Botany | 3 |
| BIO 363 | Biology Seminar | 0 |
| MTH 141 | Calculus I | 4 |
| PHY 131 | General Physics I | 4 |
| PHY 151L | General Physics I Lab | 1 |
| | | 16 |

| Sixth Semester | | Credits |
|----------------|------------------------|-----------|
| BIO 221 | General Zoology | 3 |
| BIO 263 | Sophomore Bio Seminar | 1 |
| BIO 363 | Biology Seminar | 0 |
| Elective | Any electives | 3 |
| MTH 142 | Calculus II | 4 |
| PHY 132 | General Physics II | 4 |
| PHY 152L | General Physics II Lab | 1 |
| | | 16 |

| Seventh Semester | | Credits |
|-------------------|------------------------------------|--------------|
| BIO 363 | Biology Seminar | 0 |
| BIO 3XX subj area | Environ./Struc/Func,Cell/Molecular | 4 |
| BIO elective | Any biology course for majors | 3 |
| PHY 233 | Modern Physics | 4 |
| PHY elective | Any upper level Physics course | 3-4 |
| | | 14-15 |

| Eighth Semester | | Credits |
|----------------------|------------------------------------|--------------|
| BIO 363 | Biology Seminar | 0 |
| BIO 3XX subj area | Environ./Struc/Func,Cell/Molecular | 4 |
| BIO 3XX subj area | Environ./Struc/Func,Cell/Molecular | 4 |
| BIO 463 | Senior Seminar | 1 |
| Electives, if needed | Any elective | 1 |
| PHY elective | Any upper level Physics course | 3-4 |
| | | 13-14 |

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



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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

Patricia Sweeney
Counselor/Assistant Professor
Cuyahoga Community College
(216) 987-5159
patricia.sweeney@tri-c.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 36-40 credits of the Ohio Transfer Module (OTM), which are approved Tri-C general education requirements. OTM details can be found at <https://www.ohiohighered.org/transfer/transfermodule>