

The following table outlines how transfer credits will be applied to the Bachelor of Science in Biology degree at The University of Akron for students who completed an Associate of Science degree via the Ohio Guaranteed Biology Transfer Pathway. The OGTP designation guarantees the transfer and applicability of credits, but does not guarantee admission to a program. Some bachelor-degree granting programs may be competitive, and students should check with individual institutions for their program admission requirements.

| COURSE EQUIVALENCIES FROM THE ASSOCIATE DEGREE | Course Number | Credit Hours |
|--|---|--------------|
| GENERAL EDUCATION REQUIREMENTS/OHIO TRANSFER 36 | | |
| Any Ohio Transfer 36 approved First Writing (TME001) course | ENGL 111 | 3 |
| Calculus I (TMM005) | MATH 221 | 4 |
| Any Ohio Transfer 36 approved Arts and Humanities course | Ohio Transfer 36 Elective* | 3 |
| Any Ohio Transfer 36 approved Arts and Humanities course | Ohio Transfer 36 Elective* | 3 |
| Any Ohio Transfer 36 approved Social and Behavioral Sciences course [Introduction to Psychology (OSS015) recommended for pre-medicine] | PSYC 100 | 3 |
| Any Ohio Transfer 36 approved Social and Behavioral Sciences course [Introduction to Sociology (OSS021) recommended for pre-medicine] | SOCIO 100 | 3 |
| General Chemistry I with lab (OSC008) | CHEM 151 and CHEM 152 | 4 |
| General Chemistry II with lab (OSC009) | CHEM 153 and CHEM 154 | 5 |
| Any Ohio Transfer 36 approved Second Writing (TME002) course | ENGL 112 | 3 |
| Up to 7 additional hours of Ohio Transfer 36 approved courses | Ohio Transfer 36 Electives* | 7 |
| PRE-MAJOR/BEGINNING MAJOR | | |
| Biology I (OSC003) | BIOL 111 | 4 |
| Biology II (OSC004) | BIOL 112 | 4 |
| Genetics (OSC028) or Calculus-based Physics I with lab (OSC016) or Algebra-based Physics I with lab (OSC014) or biology course | BIOL 211 (to be submitted) or PHYS 291 or PHYS 261 ¹ | 4 |
| OTHER RECOMMENDATIONS | | |
| Full-Year Sequence of Organic Chemistry with lab (OSC010) [Not required but highly recommended for pre-medicine] ² | CHEM 263, CHEM 264, CHEM 265, and CHEM 266 | 0-10 |
| Electives ³ | Varies* | 0-6 |
| TOTAL HOURS FROM ASSOCIATE DEGREE: | | 60-65 |
| Advising Notes: (*) Indicates that coursework will be evaluated for applicable equivalency upon transfer at the university. If a Transfer Assurance Guide (TAG) course is taken, the approved course equivalency will be awarded. ¹ The University of Akron does not require physics. Please work with your advisor to determine the best course of study. "To be submitted" indicates that the course does not currently carry the statewide course equivalency guarantee. However, the institution is working toward this goal and will act in good faith to ensure the appropriate equivalency is given that counts toward the degree. ² The University of Akron requires OSC010 Organic Chemistry. If not taken as part of the associate degree, it will need to be completed after transfer. ³ The University of Akron requires four semesters of world language. If not taken as part of the associate degree, it will need to be completed after transfer. | | |

SPECIAL NOTES

Students with plans of pursuing a pre-professional or graduate studies track in the future should work closely with their academic advisor and receiving institution starting in the first year of their program in order to adequately prepare themselves for those types of tracks. Some pre-professional degrees include pre-medicine, pre-veterinary, pre-law, and pre-dentistry.

The University of Akron
Biology
Bachelor of Science

Effective beginning Academic Year 2022-23 (Last revised November 23, 2022)

The following additional coursework will be required to complete the Bachelor of Science in Biology degree at The University of Akron after a student has completed their Associate of Science Ohio Guaranteed Biology Transfer Pathway degree. Please note the University of Akron also offers a Bachelor of Science in Biomedical Science, for which there is a separate pathway. Some bachelor-degree granting programs may be competitive and admission into the program is not guaranteed. Students should check with individual institutions for their program admission requirements.

| REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE | | Course Number | Credit Hours |
|---|---|---------------|--------------|
| General Education Requirements: | Domestic Diversity and Global Diversity may need to be fulfilled still, if not taken as part of the associate degree program. Complex Issues Facing Society course or an approved capstone in the major | Varies | 0-9 |
| College Requirement: | Elementary World Language Sequence (if needed) | 101 and 102 | 8 |
| College Requirement: | Intermediate World Language Sequence | 201 and 202 | 6 |
| Major Core Requirements: | Introductory Statistics I | STAT 261 | 2 |
| Major Core Requirements: | Introductory Statistics II | STAT 262 | 2 |
| Major Core Requirements: | General Genetics (if needed) | BIOL 211 | 3 |
| Major Core Requirements: | General Ecology | BIOL 217 | 3 |
| Major Core Requirements: | Cell & Molecular Biology | BIOL 311 | 4 |
| Major Core Requirements: | Evolutionary Biology | BIOL 316 | 3 |
| Major Core Requirements: | Upper-level Biology Electives | BIOL 3xx/4xx | 19 |
| Electives: | Open upper-level electives to reach 120 credits | Varies | 10 |
| REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:¹ | | | 60 |
| Advising Notes: ¹ The University of Akron requires a total of 120 credit hours for degree completion with 40 of the credit hours at the 300/400 level. The total number of hours to complete a bachelor's degree represents a range of hours that may be needed depending on the individual course selections made during the associate degree program. | | | |

| COMPLETE BACHELOR'S DEGREE | Total Credit Hours |
|---------------------------------|--------------------|
| BACHELOR'S DEGREE TOTAL: | 120 |

| SPECIAL NOTES |
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| For more information, please contact: Department of Biology BioAdvising@uakron.edu (330) 972-7155 https://www.uakron.edu/biology/ |

SAMPLE DEGREE MAP

THIRD YEAR

| SEMESTER 5 | | SEMESTER 6 | |
|--------------------------------------|--------------|---------------------------------------|--------------|
| Course Name & Number | Credit Hours | Course Name & Number | Credit Hours |
| BIOL 211 General Genetics | 3 | BIOL 311 Cell & Molecular Biology | 4 |
| STAT 261 Introductory Statistics I | 2 | STAT 262 Introductory Statistics II | 2 |
| BIOL 217 General Ecology | 3 | BIOL 316 Evolutionary Biology | 3 |
| xxxx 101 Elementary World Language I | 4 | xxxx 102 Elementary World Language II | 4 |
| Open Elective | 3 | BIOL 3xx or 3100:4xx Biology Elective | 3 |
| Total Semester 5 Credit Hours | 15 | Total Semester 6 Credit Hours | 16 |

FOURTH YEAR

| SEMESTER 7 | | SEMESTER 8 | |
|--|--------------|---|--------------|
| Course Name & Number | Credit Hours | Course Name & Number | Credit Hours |
| BIOL 3/4xx Biology Elective | 3 | xxxx 202 Intermediate World Language II | 3 |
| BIOL 3/4xx Biology Elective | 3 | BIOL 3/4xx Biology Elective | 3 |
| xxxx 201 Intermediate World Language I | 3 | BIOL 3/4xx Biology Elective | 3 |
| Open Elective | 4 | BIOL 3/4xx Biology Elective | 4 |
| Open Elective | 3 | | |
| Total Semester 7 Credit Hours | 16 | Total Semester 8 Credit Hours | 13 |