Transfer Credit Ohio
THE OHIO DEPARTMENT OF HIGHER EDUCATION
Guaranteed Transfer Pathways

Miami University

Biology
Bachelor of Arts

Effective beginning Academic Year 2022-23 (Last revised August 30, 2023)

The following table outlines how transfer credits will be applied to the Bachelor of Arts in Biology degree at Miami University 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	ENG 111	3
Calculus I (TMM005)	MTH 151	5
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]	PSY 111 or Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course [Introduction to Sociology (OSS021) recommended for pre-medicine]	SOC 151 or SOC 153 or Ohio Transfer 36 Elective*	3-4
General Chemistry I with lab (OSC008)	CHM 141 and CHM 144	5
General Chemistry II with lab (OSC009)	CHM 142 and CHM 145	5
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENG 112	3
Up to 7 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Electives*	0
PRE-MAJOR/BEGINNING MAJOR		
Biology I (OSC003)	BIO/MBI 116	4
Biology II (OSC004)	BIO/MBI 115	4
Genetics (OSC028) or Calculus-based Physics I with lab (OSC016) or Algebra-based Physics I with lab (OSC014)	BIO 342 or PHY 191 or PHY 161	4-5
OTHER RECOMMENDATIONS		
Full-Year Sequence of Organic Chemistry with lab (OSC010) [Not required but highly recommended for pre-medicine]	CHM 251, 254, 252, and 255	10
General Electives as needed (May include FYE or Orientation course)[1]	Varies*	6-8
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] Miami University recommends two semesters of foreign language be taken during the associate degree if possible, or that credit has been earned via an approved Advanced Placement or International Baccalaureate exam through the end of the beginning level (or higher). The College of Arts & Sciences (CAS) requires that students earn credit in a foreign language at or beyond the 202-level. If not taken during the associate degree, up to four semesters of foreign language may need to be taken upon 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.

Transfer Credit Ohio
THE OHIO DEPARTMENT OF HIGHER EDUCATION
Guaranteed Transfer Pathways

Miami University

Biology
Bachelor of Arts

Effective beginning Academic Year 2022-23 (Last revised August 30, 2023)

The following additional coursework will be required to complete the Bachelor of Arts in Biology degree at Miami University after a student has completed their Associate of Science Ohio Guaranteed Biology Transfer Pathway degree. 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
Major Core Course:	Cell Biology	BIO 203	3
Major Core Course:	Evolutionary Biology or Evolution of Plant Diversity	BIO 206 or BIO 204	3-4
Major Core Course:	Fundamentals of Ecology	BIO 209	3
Major Core Course:	Genetics (if not taken as part of the associate degree program)	BIO 342	3
Major Core Course:	Advanced Biology course with a Laboratory (200+ level)[1]	Varies	4
Major Elective Courses:	Advanced Biology Electives that must be at the 200+ level and include two of the following BIO 203W, 204W, 206W, 209W or 305W) plus one 400 level BIO course including one course at the 400 level[2]	Varies	9
Major Core Course and General Education:	Approved Biology Capstone Course	BIO 400, BIO 419R, BIO 467, BIO 453, or BIO 454	3-4
Major Core Course:	Statistics	STA 261	4
Divisional Requirement:	First (if needed) and second year of selected foreign language sequence	101, 102, 201, and 202	6-14
General Education:	Experiential Learning Requirement	Varies	0-3
General Education:	Intercultural Consciousness Course	Varies	3
General Education:	Global Inquiry Courses	Varies	6
General Education:	DEI course (if not taken during the associate degree program)	Varies	3
General Electives:	General Electives[3]	Varies	0-10
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:[4]			60-73

Advising Notes:

[1] For pre-health professional students BIO 305 is recommended as the lab course.

[2] Two BIO courses at the 200 and 300 levels must be writing intensive (W) courses, and one course at the 400 level must be a writing intensive (W) course to satisfy the College of Arts & Sciences (CAS) writing in the major requirement. The following BIO courses -- BIO 115, 116, and 2 of: 203, 204, 206, 209, 305 – meet the Advanced Writing requirement for general education. Please work closely with your advisor.

[3] Students are required to attend an orientation session and will meet with an advisor to review the coursework coming in, as well as what they should register for the following semester. At this time, the divisional requirements for CAS will be addressed so that students are able to be efficient in their course selection. For students planning on attending medical school, veterinary school, physician's assistant school, or other professional schools, a full year of organic chemistry, biochemistry, and one year of physics are required. A course in human anatomy (BIO 201) and general microbiology (MBI 201) are also recommended or required. Both BIO 201 and MBI 201 count towards the advanced hours in biology.

[4] Miami University requires a total of 124 credit hours for degree completion. The total number of hours to complete the 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:	124

Transfer Credit Ohio
THE OHIO DEPARTMENT OF HIGHER EDUCATION
Guaranteed Transfer Pathways

Miami University

Biology
Bachelor of Arts

Effective beginning Academic Year 2022-23 (Last revised August 30, 2023)

SPECIAL NOTES

For more information, please contact:
College of Arts & Sciences Advising Office
casadvising@miamioh.edu
(513) 529-3031
http://miamioh.edu/cas/academics/advising/

SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5

Course Name & Number	Credit Hours
BIO 203 Cell Biology	3
STA 261 Statistics	4
Foreign Language 201	3
Global Inquiry Course	3
DEI Course	3
Total Semester 5 Credit Hours	16

SEMESTER 6

Course Name & Number	Credit Hours
BIO 206 Evolutionary Biology or BIO 204 Evolution of Plant Diversity	3-4
Advanced Biology Course with a Laboratory	4
Foreign Language 202	3
Experiential Learning Requirement	0-3
Global Inquiry Course	3
Total Semester 6 Credit Hours	13-17

FOURTH YEAR

SEMESTER 7

Course Name & Number	Credit Hours
BIO 342 Genetics	3
BIO 209 Fundamentals of Ecology	3
Advanced Biology Elective (must also be a W course)	3
Intercultural Consciousness Course	3
General Electives/Divisional Requirement	4
Total Semester 7 Credit Hours	16

SEMESTER 8

Course Name & Number	Credit Hours
Advanced Biology Elective (must also be a W course)	4
Advanced Biology Capstone	3
Advanced Biology Elective	3
General Electives/Divisional Requirement	3
General Electives/Divisional Requirement	3
Total Semester 8 Credit Hours	16