

The following table outlines how transfer credits will be applied to the Bachelor of Arts in Chemistry degree at Miami University for students who completed an Associate of Science degree via the Ohio Guaranteed Chemistry 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	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course	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
Calculus II (TMM006)	MTH 249 or MTH 251	4-5
Up to 3-4 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Elective*	3-4
PRE-MAJOR/BEGINNING MAJOR		
Calculus-based Physics I with lab (OSC016)	PHY 191	5
Calculus-based Physics II with lab (OSC017)	PHY 192	5
Full-Year Sequence of Organic Chemistry with lab (OSC010)	CHM 251, 254, 252, and 255	10
OTHER RECOMMENDATIONS		
General Electives as needed (May include FYE or Orientation course) ¹	Varies*	6-8
TOTAL HOURS FROM ASSOCIATE DEGREE		63-66
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.

Miami University
Chemistry
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 Chemistry degree at Miami University after a student has completed their Associate of Science Ohio Guaranteed Chemistry 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 & Advanced Writing Requirement:	Quantitative Analysis ¹	CHM 375	3
Major Core Course:	Physical Chemistry I	CHM 451 or CHM 471	3
Major Core Course:	Physical Chemistry II	CHM 452 or CHM 472	3
Major Core Course/ Capstone:	Chemistry in Societal Issues or Independent Research Capstone in Chemistry	CHM 491 or CHM 492	3
Major Elective Courses:	Science Electives at the 200+ level in: BIO, CHM, GLG, MBI, PHY, PCE, or STA, or from MTH 222, 231, 245, 252, 347	Varies	9
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:	Biological Sciences	Varies	3
General Electives:	General Electives ²	Varies	18-21
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:³			60
Advising Notes:			
¹ Must be taken at Miami University; it fulfills the College of Arts & Sciences (CAS) Advanced Writing Requirement.			
² 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.			
³ 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

SPECIAL NOTES

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

SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
CHM 375 Quantitative Analysis	3	CHM 452 Physical Chemistry for Majors or CHM 472 Biophysical Chemistry II	3
CHM 451 Physical Chemistry for Majors or CHM 471 Biophysical Chemistry I	3	Science Elective	3
Foreign Language 201	3	Foreign Language 202	3
Global Inquiry Course	3	Experiential Learning Requirement	3
Biological Sciences Course	3	General Elective/Divisional Requirement	3
Total Semester 5 Credit Hours	15	Total Semester 6 Credit Hours	15

FOURTH YEAR

SEMESTER 7		SEMESTER 8	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
Science Elective	3	CHM 491 Chemistry in Societal Issues or CHM 492 Independent Research Capstone in Chemistry	3
Intercultural Consciousness Course	3	Science Elective	3
General Elective/Divisional Requirement	3	Global Inquiry Course	3
General Elective/Divisional Requirement	3	General Elective/Divisional Requirement	3
General Elective/Divisional Requirement	3	General Elective/Divisional Requirement	3
Total Semester 7 Credit Hours	15	Total Semester 8 Credit Hours	15